

# Computer Technologies

The Computer Technologies curriculum leads to an associate degree in the field of computer technologies. Additionally, the program is designed to offer Microsoft or other industry-recognized certification in specific areas of study within the degree program.

**Students taking the Associate in Science Degree in Computer Technologies select one concentration from the six concentrations offered:**

- PC Systems Manager (A+ Generalist Track)
- Secure Network Administrator
- Application Developer (MCSD Track)
- Database Administrator (MCDBA Track)
- Gaming and Animation Developer
- Accounting

In addition, a Technologies for Education Certificate is available for educators who wish to update their technology skills.

**The rapidly changing world of computer technology** has created a growing demand for persons trained in hardware and software. This degree program prepares students for a broad range of employment opportunities in the field; including positions in networking, software development, database administration, gaming and animation development and help desk administration. The Accounting concentration offers students an opportunity to combine the two disciplines for easier entry into the business environment. All courses are designed with the potential for transfer to a four-year institution.

Students can pursue many of the computer courses by means of distance learning. Blackboard is used as the platform for on-line classes.



## The Job Market

Computer Technologies is one of the biggest and most profitable fields, with successful graduates earning from \$40,000 to well over \$100,000, even at entry level (average income 40-50k). Because of the constant production of new applications and technology, Computer Technologies has had the highest employment rate in the past twenty years.

## Get a Start on Your Future

LRCC is a MSDNAA and Cisco Academy. While earning a degree or a certificate, students can become certified by passing a series of tests., giving industry recognition of proficiency in technical areas needed in businesses. Certifications also give access to technical information unavailable to the general public, including access to secure websites, technical training and special events.



[www.lrcc.edu](http://www.lrcc.edu)

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# 2010-2011 Computer Technologies Associate in Science Degree

## First Year

Fall Semester	CL	LAB	CR
LCIS1320 Software Applications	3	2	4
<b>OR</b> LCIS2260 Advance Office Applications	2	2	3
<b>OR</b> LCIS2270 IT Developmental Applications	2	2	3
LENG1200 College Composition	3	0	3
LCIS1360 Introduction to Computers	2	2	3
LCIS1400 Introduction to Programming	2	2	3
MATHEMATICS (LMAT1230 min. except gaming option)	3	0	3
<b>Gaming students must take a minimum of LMAT2100</b>			
<b>Totals</b>	<b>13</b>	<b>6</b>	<b>16</b>

Spring Semester	CL	LAB	CR
LCIS2500 Networking Fundamentals	2	2	3
ACCOUNTING OR BUSINESS ELECTIVE	3	0	3
COMPUTER TECHNOLOGIES ELECTIVES	4	4	6
LIBERAL ARTS	3	0	3
MATHEMATICS (LMAT2100 min. except in gaming option)	3	0	3
<b>Gaming students must take a minimum of LMAT2350</b>			
<b>Totals</b>	<b>15</b>	<b>6</b>	<b>18</b>
<b>Total Credits for Year = 33 or 34</b>			

## SECOND YEAR

Fall Semester	CL	LAB	CR
LSOC2250 Critical Thinking and Decision Making	3	0	3
COMPUTER TECHNOLOGIES ELECTIVES	6	6	9
ENGLISH	3	0	3
SCIENCE	3	0	3
<b>Totals</b>	<b>15</b>	<b>6</b>	<b>18</b>
Spring Semester	CL	LAB	CR
LCIS2800 Capstone Project	3	0	3
COMPUTER TECHNOLOGIES ELECTIVES	6	6	9
HUMANITIES/FINE ARTS/FOREIGN LANGUAGE	3	0	3
<b>Totals</b>	<b>12</b>	<b>6</b>	<b>15</b>
<b>Total Credits for Year = 33</b>			
<b>Total for A.A.S. Degree = 66 67</b>			

### Computer Technologies graduates will have:

- skills necessary to be a self-directed and continuous learner;
- knowledge of operating systems, applications, database systems, hardware, networks, and online resources;
- knowledge of security issues, risks, tools, and policies;
- ability to apply a systematic and methodical approach to solve problems;
- strong documentation skills and knowledge of general business principles and project management

## Want to Learn More?

If you would like to learn more about Lakes Region Community College and our Computer Technologies program you can.

- Request information by going online to [www.lrcc.edu](http://www.lrcc.edu) and clicking on "prospective students"
- Call the school to set up an appointment with Admissions or Computer Department faculty to see what we can offer
- Stop by. Come by the school to see our facilities and talk to our students and teachers. Get your information first hand.

