

Computer Information Technology

FALL 2009

[A25260] Associate in Applied Science Degree (Day, Evening/Online/Hybrid)

The Computer Information Technology curriculum is designed to prepare graduates for employment with organizations that use computers to process, manage, and communicate information. This is a flexible curriculum that can be customized to meet community information systems needs.

Course work will develop a student's ability to communicate complex technical issues related to computer hardware, software, and networks in a manner that computer users can understand. Classes cover computer operations and terminology, operating systems, database, networking, security, and technical support.

Graduates should qualify for employment in entry-level positions with businesses, educational systems, and governmental agencies which rely on computer systems to manage information. Graduates should be prepared to sit for industry-recognized certification exams.

COMPETENCIES

Randolph Community College is committed to continuous improvement through program evaluation. One part of the evaluation is to assess program competencies. While our program contains many competencies for students to achieve, each year a select few are chosen for assessment purposes. This year, program competency assessment will focus on these:

1. Explain terminology and concepts used by computer technicians.
2. Use interpersonal skills to interact with business users on computer issues.
3. Solve problems using various computer technologies.

GENERAL ADMISSIONS REQUIREMENTS FOR CURRICULUM PROGRAMS

Applicants for admission to Randolph Community College must be 18 years of age or high school graduates. The College will accept students with a high school equivalency diploma. A high school diploma or the equivalent is required of all applicants enrolling in curriculum courses. Persons intending to enroll in a specific curriculum are encouraged to submit their applications at least two months prior to the term in which they wish to enroll. Applicants are not admitted into specific curriculum programs, and thus, not eligible for financial aid until admission requirements are met (i.e. transcripts, testing, etc.). Applications can be obtained from high school counselors and from Student Services.

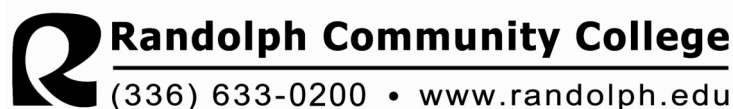
IN ORDER TO ENROLL, THE STUDENT SHOULD:

- complete an RCC application,
- provide official copies of high school transcript and/or GED test scores and all college transcripts,*
- call (336) 633-0224 to discuss placement testing,
- meet with someone in RCC's financial aid office if necessary, (336) 633-0205,
- meet with your faculty advisor (during specified registration period),
- register and pay for classes (during specified registration period).

*Applicants who are high school graduates should request a copy of their high school transcript. In cases where the last six weeks' work is not completed, a supplemental transcript should be forwarded to the College after the student's graduation. GED graduates must submit official copies of their GED test scores. Students transferring from other colleges or post-high school institutions must submit official transcripts from all such institutions attended. For transcript release forms, call Student Services, (336) 633-0224. Transcripts are not official unless they are sent directly from the high school or college attended.

FACULTY ADVISORS

The faculty advisors for Computer Information Technology are Debbie Christenberry, (336) 633-0291, dacberry@randolph.edu and Stephen Baltas, (336) 633-0326, sjbaltas@randolph.edu.



Day

	Hours/Week			Sem. Hrs Credit
	Class	Lab	Wk. Exp.	
First Year: Fall Semester				
CIS 110 Introduction to Computers	2	2	0	3
CTS 115 Info Sys Business Concepts	3	0	0	3
NOS 110 Operating System Concepts	2	3	0	3
--- Social/Behavioral Science	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>
	10	5	0	12

First Year: Spring Semester

CTS 120 Hardware/Software Support	2	3	0	3
CTS 130 Spreadsheet	2	2	0	3
DBA 110 Database Concepts	2	3	0	3
MAT 140 Survey of Mathematics	3	0	0	3
WEB 110 Internet/Web Fundamentals	<u>2</u>	<u>2</u>	<u>0</u>	<u>3</u>
	11	10	0	15

First Year: Summer Session

CIS 115 Intro to Programming & Logic	2	3	0	3
NOS 130 Windows Single User	2	2	0	3
SEC 110 Security Concepts	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>
	7	5	0	9

Second Year: Fall Semester

CSC 139 Visual BASIC Prog	2	3	0	3
CTS 285 System Analysis & Design	3	0	0	3
ENG 111 Expository Writing	3	0	0	3
NET 125 Networking Basics <i>(first 8 weeks of 16-week semester)</i>	1	4	0	3
NOS 230 Windows Admin I	<u>2</u>	<u>2</u>	<u>0</u>	<u>3</u>
	11	9	0	15

Second Year: Spring Semester

CTS 217 Computer Train/Support	2	2	0	3
CTS 289 System Support Project	1	4	0	3
DBA 115 Database Applications	2	2	0	3
ENG 114 Prof. Research & Reporting	3	0	0	3
--- Humanities/Fine Arts	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>
	11	8	0	15

TOTAL SEMESTER HOURS CREDIT:

66

Evening/Online/Hybrid

	Hours/Week			Sem. Hrs Credit
	Class	Lab	Wk. Exp.	
First Year: Fall Semester				
CIS 110 Introduction to Computers	2	2	0	3
CTS 115 Info Sys Business Concepts	3	0	0	3
NOS 110 Operating System Concepts	<u>2</u>	<u>3</u>	<u>0</u>	<u>3</u>
	7	5	0	9

First Year: Spring Semester

CTS 120 Hardware/Software Support	2	3	0	3
CTS 130 Spreadsheet	2	2	0	3
DBA 110 Database Concepts	<u>2</u>	<u>3</u>	<u>0</u>	<u>3</u>
	6	8	0	9

First Year: Summer Session

CIS 115 Intro to Programming & Logic	2	3	0	3
SEC 110 Security Concepts	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>
	5	3	0	6

Second Year: Fall Semester

CTS 285 System Analysis & Design	3	0	0	3
ENG 111 Expository Writing	3	0	0	3
NET 125 Networking Basics <i>(first 8 weeks of 16-week semester)</i>	<u>1</u>	<u>4</u>	<u>0</u>	<u>3</u>
	7	4	0	9

Second Year: Spring Semester

CTS 217 Computer Train/Support	2	2	0	3
CTS 289 System Support Project	1	4	0	3
ENG 114 Prof. Research & Reporting	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>
	6	6	0	9

Second Year: Summer Session

CSC 139 Visual BASIC Prog	2	3	0	3
NOS 130 Windows Single User	<u>2</u>	<u>2</u>	<u>0</u>	<u>3</u>
	4	5	0	6

Third Year: Fall Semester

DBA 115 Database Applications	2	2	0	3
MAT 140 Survey of Mathematics	3	0	0	3
NOS 230 Windows Admin I	<u>2</u>	<u>2</u>	<u>0</u>	<u>3</u>
	7	4	0	9

Third Year: Spring Semester

WEB 110 Internet/Web Fundamentals	2	2	0	3
--- Humanities/Fine Arts	3	0	0	3
--- Social/Behavioral Science	<u>3</u>	<u>0</u>	<u>0</u>	<u>3</u>
	8	2	0	9

TOTAL SEMESTER HOURS CREDIT:

66