Computer and Graphics Technology

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The Computer and Graphics Technology program is used by a wide variety of organizations to process, design, manage, and communicate information.

Computer graphic design combines skills in technology, business, and art, using computer-generated images and words to create unique concepts and messages for publishing and advertising.

What Will I Learn?

The Lee College Computer and Graphics Technology program prepares individuals to provide technical assistance, support and advice to computer users to help troubleshoot software and hardware problems. Students will gain knowledge in computer concepts, webpage design, information systems, networking, operating systems, computer hardware, the Internet, software applications, help desk concepts and problem solving, and principles of customer service.

What Can I Do with This Course of Study?

- Graphic Designer
- Help Desk Support Technician
- Web Designer
- Computer Support Specialist

AAS: Computer and Graphics Technology

Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.

Course	Course Title	Counts Toward Certificate
BCIS 1305	Business Computer Applications	AS1, CGR1, CGT1
ARTC 1413	Digital Publishing I	AS1, CGR1, CGT1
ARTC 1453	Computer Illustration	AS1, CGR1, CGT1
IMED 1316	Web Design I	AS1, CGR1, CGT1

To complete the AS1 certificate, students will need to take POFT 1227, which is not part of the AAS degree.

Course	Course Title	Counts Toward Certificate
ARTC 2440	Computer Illustration II	CGR1, CGT1
IMED 1445	Interactive Digital Media I	CGR1, CGT1
ITSC 2421	Integrated Software Applications II	CGR1, CGT1
ITSE 1431	Introduction to Visual Basic Programming	CGR1, CGT1

Knowledge Building: These courses further the students' knowledge in the area of study and increase their preparation for the degree completion.

Course	Course Title	Counts Toward Certificate
ITCC 1414	Introduction to Networks	CGT1
IMED 2311	Portfolio Development	CGT1
CPMT 1411	Introduction to Computer Maintenance	CGT1
IMED 2315	Web Page Design II	

Completion: These are the courses the student needs in order to complete the degree plan and prepare to enter the workforce.

Course	Course Title	Counts Toward Certificate
Oral Communication	Recommended: SPCH 1321 Business and Professional Communication May also take any Oral Communication Core	
Communication	Recommended: ENGL 2311 Technical Writing May also take any Communication Core	

Life and Physical Sciences	Recommended: PHYS 1415 Physical Science I
	May also take any LPS Core
Creative Arts/LPC	Recommended: MUSI 1310
	May also take any Creative Arts/LPC
SBS/HIST/GOVT	Recommended: GOVT 2306
	May also take any SBS/ HIST/GOVT

AS1: Certificate of Completion — Application Specialization

Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.

Course	Course Title	Counts Toward Certificate
BCIS 1305	Business Computer Applications	AS1
ARTC 1413	Digital Publishing I	AS1
ARTC 1453	Computer Illustration	AS1
IMED 1316	Web Design I	AS1

GR1: Certificate of Completion — Computer and Graphics Technology I

Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.

Course	Course Title	Counts Toward Certificate
BCIS 1305	Business Computer Applications	CGR1
ARTC 1413	Digital Publishing I	CGR1
ARTC 1453	Computer Illustration	CGR1
IMED 1316	Web Design I	CGR1
ARTC 2440	Computer Illustration II	CGR1
IMED 1445	Interactive Digital Media I	CGR1
ITSC 2421	Integrated Software Applications II	CGR1
ITSE 1431	Introduction to Visual Basic Programming	CGR1

CGT1: Certificate of Completion — Computer and Graphics Technology II

Foundations: These are the courses students need in order to progress in their career/college pathway, as they either provide a certificate or lay the groundwork for moving to the next set of courses.

Course	Course Title	Counts Toward Certificate
BCIS 1305	Business Computer Applications	CGT1
ARTC 1413	Digital Publishing I	CGT1
ARTC 1453	Computer Illustration	CGT1
IMED 1316	Web Design I	CGT1
ARTC 2440	Computer Illustration II	CGT1
IMED 1445	Interactive Digital Media I	CGT1
ITSC 2421	Integrated Software Applications II	CGT1
ITSE 1431	Introduction to Visual Basic Programming	CGT1

Knowledge Building: These courses further the students' knowledge in the area of study and complete the certificate.

Course	Course Title	Counts Toward Certificate
ITCC 1414	Introduction to Networks	CGT1
IMED 2311	Portfolio Development	CGT1
CPMT 1411	Introduction to Computer Maintenance	CGT1

 CAREERS IN THIS FIELD
My Next Move

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Contact an Advisor/Counselor