

## Eastern Florida State College

### GRAPHICS TECHNOLOGY ASSOCIATE IN SCIENCE DEGREE (GDAS)

Program of Study Requirements for 2016-2017

*Plus!*

College Credit Certificates in:

**GRAPHIC DESIGN PRODUCTION, GRAPHIC DESIGN SUPPORT,  
INTERACTIVE MEDIA PRODUCTION, INTERACTIVE MEDIA SUPPORT**

[2017-2018 College Catalog www.easternflorida.edu/go/careertech](http://www.easternflorida.edu/go/careertech)

META-MAJOR: Arts, Humanities, Communications, Design (AHSC)

### PROGRAM CONTACT:

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The Graphics Technology program meets the current and future needs of computer graphic artists and designers. The curriculum emphasizes design and communication skills. These skills are developed in a computer production environment using current industry standard software.

Courses in this degree also lead to College Credit Certificates in **Graphic Design Production, Graphic Design Support, Interactive Media Production, and Interactive Media Support**. Students may choose to complete a certificate first and then move to the AS degree.

#### Advising Notes:

It is important to register for technical courses when offered. Many technical courses are only offered only *once a year*. Improper planning may cause delay of graduation by three semesters! Technical courses should be taken in order of skill level as noted Introductory, Intermediate, and Advanced. General Education courses are offered every term and on every campus, including online/distance learning.

Bachelor's Degree at Eastern Florida – Courses in the certificate programs are **appropriate** for the 21 credit hours of the Technical Concentration component of the Bachelors of Applied Science degree at Eastern Florida State College.

#### LEGEND:

◆ = Course is a pre-requisite for another course and "C" or higher is needed. *These courses should be taken first.*

If only taught at specific campus: **B** = Palm Bay, **M** = Melbourne, **C** = Cocoa, **T** = Titusville and **e** = eLearning

**ASC** = [Advance Standing Credit](#) (High School to College Credits)

Level: 1=Introductory, 2=Intermediate, 3=Advanced

GRAPHICS TECHNOLOGY (GDAS) AS Degree Requirements			64 TOTAL CREDITS		
<b>GENERAL EDUCATION COURSES</b>			Credits 15		
	SPC 2608	Fundamentals of Speech Communication	3		
		Computation (MAT 1033 Intermediate Algebra or higher)	3		
	ENC 1101	Composition I	3		
		Social/Behavioral Science Requirement	3		
		Humanities Requirement	3		
<b>REQUIRED MAJOR COURSES</b>			Credits 40		
	ARTC 1201	Two-Dimensional Design	3		
	ARTC 1300	Drawing (◆ for ARTC 1330 elective)	3		
◆	GRAC 1100	Principles of Graphic Design	3		
◆	GRAC 2150	Raster Graphics (ASC option/Communications Technology or Digital Design)	3		
◆	GRAC 2156	Vector Graphics (ASC option/Communications Technology or Digital Design)	3		
◆	GRAC 1160	2D Animation (Prerequisites GRAC 1100, GRAC 2150 & GRAC 2156)	3		
	GRAC 1710	Videography (Prerequisites GRAC 1100, GRAC 2150 & GRAC 2156)	3		
	GRAC 2120	Page Design and Layout (Prerequisites GRAC 1100, GRAC 2150 & GRAC 2156)	3		
◆	GRAC 2721	Website Design (Prerequisites GRAC 1100, GRAC 2150 & GRAC 2156) (ASC option/Web Development)	3		
	GRAC 2201	Digital Prepress (Prerequisites GRAC 1100, GRAC 2150 & GRAC 2156)	3		
	GRAC 2157	Integrated Design (Prerequisites GRAC 1100, GRAC 2150 & GRAC 2156)	3		
	GRAC 2162	3D Animation (Prerequisites GRAC 1100, GRAC 2150 & GRAC 2156) (◆ for GRAC 2168 elective)	3		
	GRAC 2180	Portfolio Development (Prerequisites or C-requisites all required Graphic Design courses)	1		
	GRAC 2582	eMedia (Prerequisites GRAC1160 & GRAC2721) (Certified Internet Web-CIW Master Designer credit option)	3		
<b>TECHNICAL ELECTIVES</b>			Credits 9		
	ARTC 1330	Drawing 2 (Prerequisite ARTC 1300)	3		
	GRAC 1143	Creative Computer Media (Prerequisites GRAC 1100, GRAC 2150 & GRAC 2156)	3		
	GRAC 1203	Digital Type and Color (Prerequisites GRAC 1100, GRAC 2150 & GRAC 2156)	3		
	GRAC 2168	3D Modeling (Prerequisite GRAC 2162)	3		
<b>TOTAL credit hours</b> for the AS degree in Graphics Technology			<b>64</b>		

### Embedded College Credit Certificates within Graphics Technology Associate in Science Degree

Courses in the certificates will lead to the AS degree in Graphics Technology. Start with certificate courses and build towards completing the A.S. degree in Graphics Technology. **No placement test required for College Credit Certificates (CCC)** and no General Education course are part of CCC Programs.

<b>GRAPHIC DESIGN SUPPORT (DSCC) College Credit Certificate Requirements</b>			<b>15 TOTAL CREDITS</b>	
<b>Introductory Courses</b>			Credits	Campus
ARTC 1300	Drawing		3	C M T
GRAC 1100	Principles of Graphic Design		3	C M
GRAC 2150	Raster Graphics (ASC option/Communications Technology or Digital Design)		3	C M
GRAC 2156	Vector Graphics (ASC option/Communications Tech or Digital Design)		3	C M
<b>Intermediate Course</b>				
GRAC 2201	Digital Prepress ( <i>Prerequisites GRAC1100, GRAC2150 &amp; GRAC2156</i> )		3	C M

<b>GRAPHIC DESIGN PRODUCTION (DPCC) College Credit Certificate Requirements</b>			<b>24 TOTAL CREDITS</b>	
<i>*Financial Aid Eligible</i>				
<b>Introductory Courses</b>			Credits	Campus
ARTC 1300	Drawing		3	C M T
GRAC 1100	Principles of Graphic Design		3	C M
GRAC 2150	Raster Graphics (ASC option/Communications Technology or Digital Design)		3	C M
GRAC 2156	Vector Graphics (ASC option/Communications Technology or Digital Design)		3	C M
<b>Intermediate Courses</b>				
GRAC 1203	Digital Type and Color ( <i>Prerequisites GRAC1100, GRAC2150 &amp; GRAC2156</i> )		3	M
GRAC 2120	Page Design and Layout ( <i>Prerequisites GRAC1100, GRAC2150 &amp; GRAC2156</i> )		3	M
GRAC 2157	Integrated Design ( <i>Prerequisites GRAC1100, GRAC2150 &amp; GRAC2156</i> )		3	C M
GRAC 2201	Digital Prepress ( <i>Prerequisites GRAC1100, GRAC2150 &amp; GRAC2156</i> )		3	C M

<b>INTERACTIVE MEDIA SUPPORT (MSCC) College Credit Certificate Requirements</b>			<b>15 TOTAL CREDITS</b>	
<b>Introductory Courses</b>			Credits	Campus
ARTC 1300	Drawing		3	C M T
GRAC 1100	Principles of Graphic Design		3	C M
GRAC 2150	Raster Graphics (ASC option/Communications Technology or Digital Design)		3	C M
GRAC 2156	Vector Graphics(ASC option/Communications Technology or Digital Design)		3	C M
<b>Intermediate Course</b>				
GRAC 2721	Website Design ( <i>Prerequisites GRAC1100, GRAC2150 &amp; GRAC2156</i> ) (ASC option/Web Development)		3	C M

<b>INTERACTIVE MEDIA PRODUCTION (MPCC) College Credit Certificate Requirements</b>			<b>24 TOTAL CREDITS</b>	
<i>*Financial Aid Eligible</i>				
<b>Introductory Courses</b>			Credits	Campus
ARTC 1300	Drawing		3	C M T
GRAC 1100	Principles of Graphic Design		3	C M
GRAC 2150	Raster Graphics (ASC option/Communications Technology or Digital Design)		3	C M
GRAC 2156	Vector Graphics (ASC option/Communications Technology or Digital Design)		3	C M
<b>Intermediate Courses</b>				
GRAC 1160	2D Animation ( <i>Prerequisites GRAC1100, GRAC2150 &amp; GRAC2156</i> )		3	C M
GRAC 1710	Videography ( <i>Prerequisites GRAC1100, GRAC2150 &amp; GRAC2156</i> )		3	C M
GRAC 2721	Website Design ( <i>Prerequisites GRAC1100, GRAC2150 &amp; GRAC2156</i> ) (ASC option/Web Development)		3	C M
<b>Advanced Course</b>				
GRAC 2582	eMedia ( <i>Prerequisites GRAC1160 &amp; GRAC2721</i> ) (Certified Internet Web-CIW Master Designer credit option)		3	M

It is the responsibility of the student to meet the established degree requirements for the degree or certificate being sought at Eastern Florida State College. Specific requirements (minimum grades, prerequisites, GPA, etc.) are indicated in the [2017 – 2018 College Catalog](#).

## Advance Standing Credit

Current or recent Brevard Public School students can get a jump-start in a Career & Technical Program at Eastern Florida State College through [Advance Standing Credit](#). Save time and money through free tuition and books for career and technical programs at the public school level. Advance Standing Credit allows you to continue with the skill sets you learned in high school and prepare for a rewarding career. Move to the next level and receive credit in the Graphics Technology career program at Eastern Florida State College.

Students completing Communications Technology 1, 2, & 3 or Digital Design 1 & 2 at the high school level with grade average of "B" or higher who declare the Graphics Technology AS, Graphics Design Support CCC, Graphics Design Production CCC, Interactive Media Support CCC, or Interactive media Production CCC as their major can receive credit for GRAC 2150 Raster Graphics and GRAC 2156 Vector Graphics at Eastern Florida State College upon completion of GRAC 1100 Principles of Graphic Design, GRAC 2157 Integrated Design and 6 additional Graphics credits with grades of "C" or higher.

Students completing Web Design 1 & 2 or Foundations of Web Design & User Interface Design at the high school level with grade average of "B" or higher who declare the Graphics Technology AS, Interactive Media Support CCC, or Interactive media Production CCC as their major can receive credit for GRAC 2721 Web Site Design at Eastern Florida State College upon completion of GRAC 1100 Principles of Graphic Design, GRAC 2150 Raster Graphics, GRAC 2156 Vector Graphics, & GRAC 2157 Integrated Design with grades of "C" or higher.

## Industry Certification

Industry certifications have become an important part of the workforce. People who have earned an industry certification have demonstrated they have specific knowledge in technical areas. Employers are seeking individuals with skill sets that will help their organization compete locally and globally.

### If you already hold a related industry certification:

Per the Florida Department of Education Statewide Articulation Agreement--- Industry Certification to AAS/AS Degree Program, Eastern Florida State College will award postsecondary credit as listed below to eligible students who have the designated industry certification. In addition to the FLDOE agreements, Eastern Florida State College will award credit to specific additional programs. *The student will not be charged tuition or fees for the postsecondary credit awarded through this agreement. A minimum of 25% of semester hours of degree requirements must be earned at Eastern Florida State College.* Information on the agreements and the process to receive credit is found online at <http://www.easternflorida.edu/admissions/registrar-office/credit-evaluation/articulation-agreements.cfm>

### Eligibility Requirements:

Industry certification must NOT BE EXPIRED at the time the credit will be awarded, and the certification **must** have been issued within three years prior to enrollment in the program. Student **must** be currently enrolled in the GDAS or MPCC and the major **must** reflect one of these programs. More information on Assessment of Prior Learning can be found at <http://www.easternflorida.edu/academics/career-technical-programs/assessment-prior-learning/articulation-agreements.cfm>.

## Employment in the Field

The TOL for Region 13 (Brevard County) lists the following jobs that are related to the Graphics Technology degree program:

Advertising Sales Agents

Graphic Designers

Market Research Analysts and Marketing Specialist (HSHW)

Read more about careers in Graphics Technology at *Career Coach* (<https://easternflorida.emsicareercoach.com/>).

Explore careers and make a plan for education at [www.floridashines.org/find-a-career/mycareershines](http://www.floridashines.org/find-a-career/mycareershines).

Brevard Public School students may view Career & Technical Education programs of study at [http://www.edline.net/pages/Brevard\\_County\\_Schools/Departments/Departments\\_A-J/Career\\_and\\_Technical\\_Education/Programs\\_of\\_Study](http://www.edline.net/pages/Brevard_County_Schools/Departments/Departments_A-J/Career_and_Technical_Education/Programs_of_Study). See how to prepare for careers and college.

Eastern Florida State College is dedicated to providing a nondiscriminatory environment which promotes equal access, equal educational opportunity and equal employment opportunity to all persons regardless of age, race, national origin, color, ethnicity, genetics, religion, sex, gender preference, pregnancy, disabilities, marital status, veteran status, ancestry or political affiliation in its programs, activities, or employment. Development and printing of this document is funded by the Carl D. Perkins Career & Technical Education Act of 2006 (Perkins IV).

## Graphics Technology AS 64 Credits

Courses are guaranteed to be offered in the designated term. Full time students who follow the prescribed plan of study below should complete the program within two years. This plan does not include any required developmental education or prerequisite courses.

### FALL 1

Course	Course Title	Subject Area	Credits	Notes:
	Mathematics Requirement	General Ed	3	
ARTC 1300	Drawing	Major Course	3	
GRAC 1100	Principles of Graphic Design	Major Course	3	
GRAC 2150	Raster Graphics	Major Course	3	
GRAC 2156	Vector Graphics	Major Course	3	

### SPRING 1

Course	Course Title	Subject Area	Credits	Notes:
ENC 1101	Composition 1	General Ed	3	
GRAC 2120	Page Design and Layout	Major Course	3	
GRAC 2157	Integrated Design	Major Course	3	
GRAC 2201	Digital Prepress	Major Course	3	
	Technical Elective *	Elective	3	

### SUMMER 1

Course	Course Title	Subject Area	Credits	Notes:
SPC 2608	Fundamentals of Speech Communication	General Ed	3	
	Humanities Requirement	General Ed	3	

### FALL 2

Course	Course Title	Subject Area	Credits	Notes:
	Social/Behavioral Science Requirement	General Ed	3	
GRAC 1160	2D Animation	Major Course	3	
GRAC 1710	Videography	Major Course	3	
GRAC 2721	Web Site Design	Major Course	3	
	Technical Elective *	Elective	3	

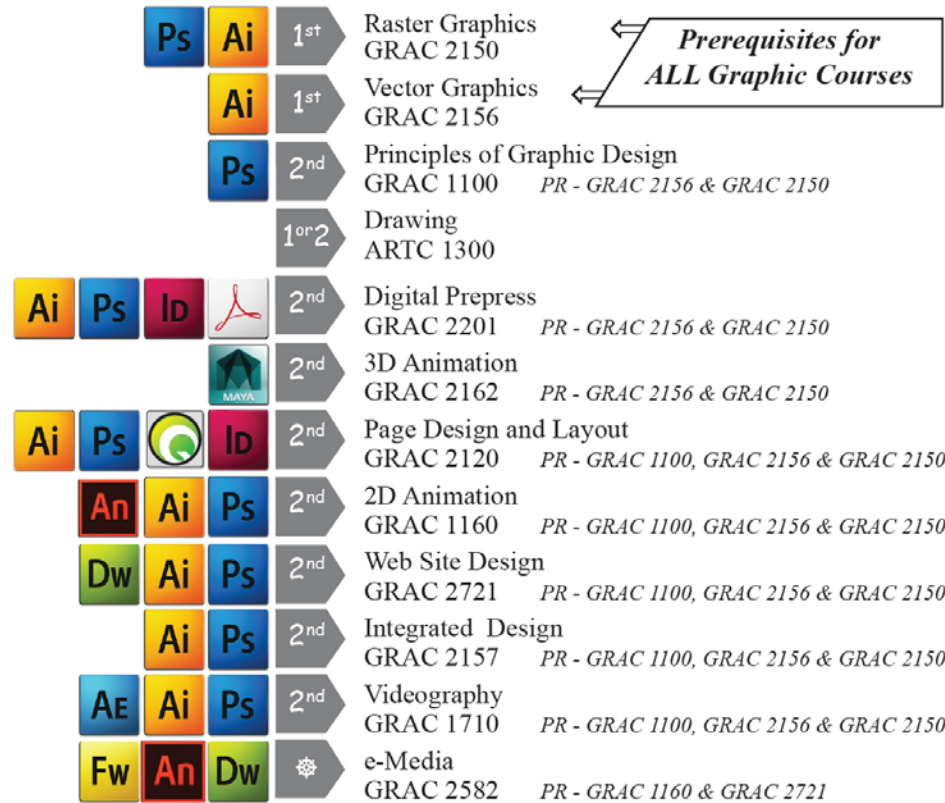
### SPRING 2

Course	Course Title	Subject Area	Credits	Notes:
ARTC 1201	Two-Dimensional Design	Major Course	3	
GRAC 2162	3D Animation	Major Course	3	
GRAC 2180	Portfolio Development	Major Course	1	
GRAC 2582	eMedia	Major Course	3	
	Technical Elective *	Elective	3	

**\* Total Technical Elective Credits Required: 9**

# Succession of Courses for the Graphics Technology A.S. Degree

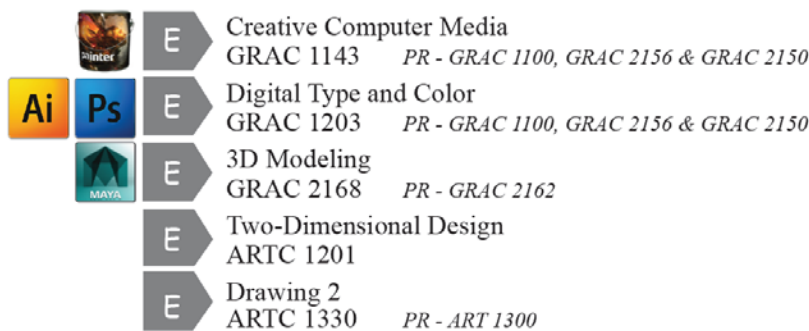
## Required Courses



### Application/Course Key

- Adobe Photoshop
- Adobe Illustrator
- Adobe InDesign
- Adobe Acrobat
- QuarkXPress
- Adobe Dreamweaver
- Adobe Animate
- Painter by Corel
- Maya 3D by Autodesk

## Electives



**Order Classes Should Be Taken  
NOT SEMESTERS**

\*All prerequisite courses require a grade of "C" or higher.

- 1<sup>st</sup> - Should be taken 1<sup>st</sup>
- 2<sup>nd</sup> - After 1<sup>st</sup> Classes
- ⚙️ - GRAC 1160 And GRAC 2721 Must be Completed
- E - Elective
- PR - Prerequisite Course