

# GRAPHIC ARTS AND IMAGING TECHNOLOGY A30180

The Graphic Arts and Imaging Technology curriculum is designed to provide students with knowledge and skills necessary for employment in the printing, publishing, packaging, and related industries. Students will receive hands-on training in computer publishing, imaging technology, offset lithography, screen printing, and emerging printing technologies. Training may also include flexography, graphic design, and multimedia. Graduates should qualify for career opportunities within the printing and publishing industries.

## Graphic Arts and Imaging Technology

### Associate in Applied Science Degree A30180

#### (Revised 2004\*01) Course and Hour Requirements

Title	Hours Class	Lab	Work Exp.	Credits
<b>I. General Education Courses: 15 Hours</b>				
A. English: 6 Hours				
ENG 111 Expository Writing	3	0	0	3
ENG 114 Professional Research and Reporting	3	0	0	3
B. Social/Behavioral Sciences: 3 Hours				
PSY 150 General Psychology	3	0	0	3
or				
SOC 210 Introduction to Sociology	3	0	0	3
C. Humanities/Fine Arts: 3 Hours				
ART 111 Art Appreciation	3	0	0	3
D. Math/Natural Sciences: 3 Hours				
MAT 115 Mathematical Models	2	2	0	3
<b>AND</b>				
<i>Students are required to demonstrate competency in MAT 080 and OST 080 prior to receiving a degree.</i>				
<b>II. Major Courses: 53 Hours</b>				
A. Core: 20 Hours				
GRA 121 Graphic Arts I	2	4	0	4
GRA 151 Computer Graphics I	1	3	0	2
GRA 152 Computer Graphics II	1	3	0	2
GRA 221 Graphic Arts II	2	4	0	4
GRA 255 Image Manipulation I	1	3	0	2
GRA 256 Image Manipulation II	1	3	0	2
GRD 141 Graphic Design I	2	4	0	4
B. Other Major Courses: 33 Hours				
1. Required Courses 28 Hours				
GRA 110 Graphic Arts Orientation	2	0	0	2
GRA 153 Computer Graphics III	1	3	0	2
GRA 154 Computer Graphics IV	1	3	0	2
GRA 222 Graphic Arts III	2	4	0	4
GRA 250 E-Document Publishing	1	3	0	2
GRA 257 Image Manipulation III	1	3	0	2
GRD 142 Graphic Design II	2	4	0	4
GRD 271 Multimedia Design I	1	3	0	2

## Graphic Arts and Imaging Technology A30180 (Continued)

Title	Hours		Work	Credits
	Class	Lab	Exp.	
GRD 280 Portfolio Design	2	4	0	4
PRN 155 Screen Printing I	1	3	0	2
PRN 220 Offset Press Fundamentals	1	3	0	2
2. Other major hours: select 5 hours from the following				
ART 131 Drawing I	0	6	0	3
ART 261 Photography I	1	4	0	3
BUS 115 Business Law I	3	0	0	3
BUS 152 Human Relations	3	0	0	3
COE 111-112 Co-op Work Experience I	0	0	10-20	1-2
COE 121-122 Co-op Work Experience II	0	0	10-20	1-2
COE 131-132 Co-op Work Experience III	0	0	10-20	1-2
GRA 245 Printing Sales/Service	3	0	0	3
GRA 280 Printing Management	2	0	0	2
GRA 292 Selected Topics in Graphic Arts	0	6	0	2
GRD 272 Multimedia Design II	1	3	0	2
PRN 221 Offset Press Operations	1	4	0	3
PRN 226 Offset Applications I	0	3	0	1

### III. Other Required Courses: 1 Hours

Academic Success: 1 hour

ACA 111 College Student Success	1	0	0	1
or				
ACA 115 Success & Study Skills	0	2	0	1

**Total Credits** **69**

## Graphic Arts and Imaging Technology

### Certificate C30180C1

#### (Revised 2002\*03) Course and Hour Requirements

Title	Hours		Work	Credits
	Class	Lab	Exp.	

### I. General Education Courses: 0 Hours

*Students are required to demonstrate competency in ENG 090, RED 090, MAT 070, and OST 080 prior to receiving a certificate.*

### II. Major Courses: 18 Hours

GRA 121 Graphic Arts I	2	4	0	4
GRA 151 Computer Graphics I	1	3	0	2
GRA 152 Computer Graphics II	1	3	0	2
GRA 221 Graphic Arts II	2	4	0	4
GRA 255 Image Manipulation I	1	3	0	2
GRD 141 Graphic Design I	2	4	0	4

**Total Credits** **18**

## Graphic Arts and Imaging Technology

### Computer Graphics Certificate C30180C2

#### (Revised 2002\*03) Course and Hour Requirements

Title	Hours Class	Lab	Work Exp.	Credits
<b>I. General Education Courses: 0 Hours</b>				
<i>Students are required to demonstrate competency in ENG 090, RED 090, MAT 070, and OST 080 prior to receiving a certificate.</i>				
<b>II. Major Courses: 18 Hours</b>				
A. Core				
GRA 151 Computer Graphics I	1	3	0	2
GRA 152 Computer Graphics II	1	3	0	2
GRA 255 Image Manipulation I	1	3	0	2
GRA 256 Image Manipulation II	1	3	0	2
GRD 141 Graphic Design I	2	4	0	4
B. Other Major Courses				
GRA153 Computer Graphics III	1	3	0	2
GRA 154 Computer Graphics IV	1	3	0	2
GRA 257 Image Manipulation III	1	3	0	2
<b>Total Credits</b>				<b>18</b>

## Graphic Arts and Imaging Technology

### Multimedia Design Certificate C30180C3

#### (Revised 2002\*03) Course and Hour Requirements

Title	Hours Class	Lab	Work Exp.	Credits
<b>I. General Education Courses: 0 Hours</b>				
<i>Students are required to demonstrate competency in ENG 090, RED 090, MAT 070, and OST 080 prior to receiving a certificate.</i>				
<b>II. Major Courses: 18 Hours</b>				
A. Core				
GRA 151 Computer Graphics I	1	3	0	2
GRA 152 Computer Graphics II	1	3	0	2
GRA 255 Image Manipulation I	1	3	0	2
GRD 141 Graphic Design I	2	4	0	4
B. Other Major Courses				
GRD 142 Graphic Design II	2	4	0	4
GRD 271 Multimedia Design I	1	3	0	2
GRD 272 Multimedia Design II	1	3	0	2
<b>Total Credits</b>				<b>18</b>

## Graphic Arts and Imaging Technology

### Offset Press Operations Certificate C30180C4 (Revised 2002\*03) Course and Hour Requirements

Title	Hours Class	Lab	Work Exp.	Credits
<b>I. General Education Courses: 0 Hours</b>				
<i>Students are required to demonstrate competency in ENG 090, RED 090, and MAT 070 prior to receiving a certificate.</i>				
<b>II. Major Courses: 16 Hours</b>				
A. Core				
GRA 121 Graphic Arts I	2	4	0	4
GRA 151 Computer Graphics I	1	3	0	2
GRA 221 Graphic Arts II	2	4	0	4
B. Other Major Courses				
PRN 220 Offset Press Fundamentals	1	3	0	2
PRN 221 Offset Press Operations	1	4	0	3
PRN 226 Offset Applications I	0	3	0	1
<b>Total Credits</b>				<b>16</b>

## Graphic Arts and Imaging Technology

### Printing Sales and Service Certificate C30180C5 (Revised 2002\*03) Course and Hour Requirements

Title	Hours Class	Lab	Work Exp.	Credits
<b>I. General Education Courses: 0 Hours</b>				
<i>Students are required to demonstrate competency in ENG 090, RED 090, MAT 070, and OST 080 prior to receiving a certificate.</i>				
<b>II. Major Courses: 13 Hours</b>				
BUS 115 Business Law I	3	0	0	3
BUS 152 Human Relations	3	0	0	3
GRA 110 Graphic Arts Orientation	2	0	0	2
GRA 245 Printing Sales/Service	3	0	0	3
GRA 280 Printing Management	2	0	0	2
<b>Total Credits</b>				<b>13</b>

## Graphic Arts and Imaging Technology

### Skills Certificate C30180K (Revised 2002\*03) Course and Hour Requirements

Title	Hours Class	Lab	Work Exp.	Credits
<b>I. General Education Courses: 0 Hours</b>				
<b>II. Major Courses: 12 Hours</b>				
A. Core				
GRA 151 Computer Graphics I	1	3	0	2
GRA 152 Computer Graphics II	1	3	0	2
GRA 255 Image Manipulation I	1	3	0	2
GRD 141 Graphic Design I	2	4	0	4
B. Other Major Courses				
GRA 110 Graphic Arts Orientation	2	0	0	2
<b>Total Credits</b>				<b>12</b>