

Degree—Associates of Applied Technology

General Core Courses

Credit Hours

PSY 191	Introduction to Psychology [P] Provisional admission	5
SPC 191	Fundamentals of Speech	5
ENG 191	Composition and Rhetoric I	5
MAT 191	College Algebra	5
<i>or</i>		
MAT 190	Mathematical Modeling	5
HUM 191	Introduction to Humanities	5
<i>or</i>		
ENG 193	Composition and Rhetoric II	5
ECO 191	Principles of Economics	5

Occupational Courses

PGT 101	Introduction to the Printing Industry [P] Provisional admission	8
PGT 110	Digital Practicum/Internship [P] PGT 109	12
SCT 100	Introduction to Microcomputers [P] Provisional admission	3
BUS 101	Beginning Document Processing	5

And completion of one specialization is required.

Printing Technology Specialization Courses

PGT 102	Basic Publication Design [P] Provisional Admission	6
PGT 115	Image Preflight & Output [P] Program Admission	6
PGT 128	Black & White Photo Manipulation [P] Program Admission	6
PGT 111	Basic Press Operations I [P] Program Admission	8
XXX xxx	Elective(s) (Area of Specialization)	20

or

Prepress Technology Specialization Courses

PGT 102	Basic Publication Design [P] Provisional Admission	6
PGT 103	Advanced Publication Design [P] PGT 102	6
PGT 115	Image Preflight & Output [P] Program Admission	6
PGT 128	Black & White Photo Manipulation [P] Program Admission	6
PGT 107	Color Photo Manipulation & Scanning [P] PGT 128	6
PGT 109	Digital Color Production [P] PGT 107	6
XXX xxx	Elective(s) (Area of Specialization)	6

Total Credit Hours: 100

* [P] ENG 097, or entrance English score in accordance with approved DTAE admission score levels; and RDG 097, or entrance reading score in accordance with approved DTAE admission score levels.

** [P] MAT 097, or entrance arithmetic score in accordance with approved DTAE admission score levels.

Diploma—Printing & Graphics Technology

General Core Courses

EMP 100	Interpersonal Relations and Professional Development [P] Provisional admission	3
ENG 101	English [P]*	5
MAT 101	General Mathematics [P]**	5

Occupational Courses

PGT 101	Introduction to the Printing Industry [P] Provisional admission	8
PGT 110	Digital Practicum/Internship [P] PGT 109	12
SCT 100	Introduction to Microcomputers [P] Provisional admission	3
BUS 101	Beginning Document Processing	5

And completion of one specialization is required.

Printing Technology Specialization Courses

PGT 102	Basic Publication Design [P] Provisional Admission	6
PGT 115	Image Preflight & Output [P] Program Admission	6
PGT 128	Black & White Photo Manipulation [P] Program Admission	6
PGT 111	Basic Press Operations I [P] Program Admission	8
XXX xxx	Elective(s) (Area of Specialization)	16

or

Prepress Technology Specialization Courses

PGT 102	Basic Publication Design [P] Provisional Admission	6
PGT 103	Advanced Publication Design [P] PGT 102	6
PGT 115	Image Preflight & Output [P] Program Admission	6
PGT 128	Black & White Photo Manipulation [P] Program Admission	6
PGT 107	Color Photo Manipulation & Scanning [P] PGT 128	6
PGT 109	Digital Color Production [P] PGT 107	6
XXX xxx	Elective(s) (Area of Specialization)	6

Total Credit Hours: 83

* [P] ENG 097, or entrance English score in accordance with approved DTAE admission score levels; and RDG 097, or entrance reading score in accordance with approved DTAE admission score levels.

** [P] MAT 097, or entrance arithmetic score in accordance with approved DTAE admission score levels.

Technical Certificate of Credit—Basic Publication Design

PGT 102	Basic Publication Design [P] Provisional Admission	6
PGT 115	Image Preflight & Output [P] Program Admission	6
PGT 128	Black & White Photo Manipulation [P] Program Admission	6

Total Credit Hours: 18

Applicants for all Business certificates must meet general admissions requirements and must also:

Present official documentation of an earned high school diploma, GED, or college degree.

Present acceptable ASSET, COMPASS, SAT, ACT, or CPE scores taken within the last five years. In lieu of test scores, applicants may present a college transcript documenting at least one 3-semester hour or one 5-quarter hour appropriate course from a regionally accredited college or university with a grade of C or better.

Printing & Graphics Technology Program Sequence of Courses & Quarterly Schedule

The Printing & Graphics Technology (PGT) program is structured so that students complete their courses in sequence, with each quarter building upon knowledge gained in previous quarters. Students need good verbal, math and computer skills before beginning PGT coursework and the schedule below has been designed with that in mind, as well as to give the student full-time status each quarter assuming availability in the classes shown. Students typically begin their general coursework fall quarter to ensure they will have the necessary skills required to succeed in their PGT courses. Students whose test scores indicate a need for Learning Support classes are encouraged to begin their general coursework either the summer or spring quarter prior to beginning their PGT coursework, depending on how many Learning Support classes the student requires.

All students are encouraged to complete the sequence in order without gaps to ensure they complete the program in a timely manner. We do not take summers off; however, there is a generous break between spring and summer quarters (late June), as well as one in late

December. Students should understand that missing a quarter will likely result in a significant delay in returning to the program since each PGT course is typically only offered during the quarter specified below and demand for the program is high.

The PGT program offers both a day program and an evening program. Day classes run Monday – Thursday, from 8:00 am – 12:20 pm, and evening classes run Monday – Thursday, from 5:45 pm – 10:05 pm, (the only exception being PGT 110). The workload in many of these courses will likely require some students to work in the lab on Fridays in order to keep up so please plan accordingly.

Due to the limited amount of space available for both the day and evening programs, students are encouraged to apply early and contact the PGT Program Coordinator at the email shown below to be placed on a waiting list for the next sequence.

Additional questions or concerns should be addressed to the PGT Program Coordinator at the email shown below.

Sequence of Courses

	Year 1:	Fall	Winter	Spring	Summer
Diploma		Eng 101 Mat 101 Sct 100	Pgt 101 Bus 101	Pgt 102 Pgt 128	Pgt 103 Pgt 107
	Year 2:	Fall Pgt 115 Pgt 109	Winter Pgt 111 Emp 100	Spring Pgt 110	Summer n/a
Degree	Year 1:	Fall Eng 191 Mat 191 Sct 100	Winter Pgt 101 Bus 101	Spring Pgt 102 Pgt 128	Summer Pgt 103 Pgt 107
	Year 2:	Fall Pgt 115 Pgt 109	Winter Pgt 111 Psy 191	Spring Eng 193* Spc 191 Eco 191	Summer Pgt 110

* Students may substitute Hum 191, Art 191, or Mus 191 for Eng 193; however students are advised that Eng 193 is more likely to transfer to other schools.

PGT 101 - Introduction to the Printing Industry

Introduces the beginning student to overview and the fundamentals of printing industry. Emphasizes the overview of graphic design. Topics include: first aid and safety, graphic design, electronic imaging, reproduction photography/digital reproduction, image assembly, offset duplication, bindery, measurement, industry overview, and printers math.

Prerequisite: Provisional admission

PGT 102 - Basic Publications Design

Introduces beginning students to basics and principles of publications design. Topics include: safety, design principles, basic desktop publishing, software, file management, typography, measurement, page layout, and quality issues.

Prerequisite: Provisional admission

PGT 103 - Advanced Publications Design

Focuses on the advanced study of publication design. Topics include: safety, page layout, basic scanning, graphics, file formats, font management, color theory, and quality issues.

Prerequisite: PGT 102

PGT 107 - Color Photo Manipulation and Scanning

Emphasizes the overview and the fundamentals of color photo manipulation and scanning. Topics include: safety, color theory, color scanning techniques, color correction, duotone and multitone, color separation techniques, special effects and filters, Process control, and industry standards/quality control (SWOP- standard web offset practices)

Prerequisite: PGT 128

PGT 109 - Color Digital Production

Focuses on color digital production process. Topics include: first aid and safety, process color assembly, color separation production, trapping operations, color proofing operations, process color production, press proof/inspection, densitometry/color, industry overview, and printer's math.

Prerequisite: PGT 107

PGT 110 - Practicum/Internship

Provides an approved industry like setting where the student develops and sharpens skills. Emphasis is placed on production standards achievement and quality control. Topics include one or more of the following: process black and white and color assembly, black and white and color separation production, digital manipulation, and industry production techniques.

Prerequisite: PGT 109

PGT 111 - Basic Press Operations I

Introduces students to the basics of press operations. Topics include: safety, plating making, press operations, paper handling, chemistry, printing methods, press and bindery equipment, ink technology, and control devices.

Prerequisite: Program admission

PGT 115 - Image Output and Preflight

Introduces the students to the study of image output and assembly. Topics include: safety, basic film assembly, film processing/chemistry, basic multicolor assembly, outputting files, film composition and contacting, proofing and plate making, registration methods, and output control (preflighting), imposition, trapping, color proofing and calibration/quality control.

Prerequisite: Program admission

PGT 128 - Black & White Photo Manipulation and Scanning

Focuses on the overview and fundamentals of black and white photo manipulation and scanning. Topics include: safety, scanning operations, resolution, sizing/scaling, file formats, photo manipulation software, halftone gray scale theory, gray scale, and quality control and calibration. OCR software, file conversion, digital input, digital manipulation, digital output, multitasking, industry production techniques and industry standards/quality control.

Prerequisite: Program admission