



***Graphic Communications  
Program Guide***  
CIP Code # 10.0399

|  |   |
|--|---|
| <b>Standard Occupational Classifications</b>   | <b>2015 Pennsylvania High Priority Occupations</b>  |
| 51-5011.00 Bindery Workers<br>51-5022.00 Pre-press Technicians and Workers<br>51-5023.00 Printing Machine Operators<br>27-1024.00 Graphic Designer<br>27-1014.00 Multimedia Artists and Animators<br>15-1134.00 Web Developers | 51-5112 Printing Press Operators <sup>3</sup><br>51-5113 Print Binding & Finishing Workers <sup>3</sup>   |
| <b>Industry Accreditation</b>  | <b>Student Certifications</b>   |
| Graphic Arts Educational and Research Foundation (GAERF)- PrintED National Accreditation Program   | ECTS Program Completer or Participant<br>Pennsylvania Skills Certificate<br>CareerSafe OSHA 10-Hour General Industry Certificate available to sophomores beginning Fall 2015. |

For more information, go to: <http://online.onetcenter.org/find/family?f=17&g=Go>

***Expected Characteristics and Traits for Success***






**Students enrolling in the Graphic Communications program should be:**

- ✓ Creative
- ✓ Self-directed with ability to stay on task
- ✓ Able to complete various complex tasks
- ✓ Honest/ethical
- ✓ Dependable
- ✓ Safety conscious/alert

**Students enrolling in the Graphic Communications program should be competent in the following areas:**

- ✓ Basic math/measurement
- ✓ Language/writing
- ✓ Communication
- ✓ Keyboarding
- ✓ Basic mechanical skills
- ✓ Basic computer skills

**Students enrolling in the Graphic Communications Program are required to provide the following each year:**

| Item              | Photo Sample  | Estimated Cost |
|-------------------|---|----------------|
| Two-pocket folder |    | \$2            |
| Pens/pencils      |    | \$2            |
| Drawing pencils   |    | \$10           |
| USB drive         |  | \$15           |
| Notebook          |  | \$2            |

Note: Students enrolling in the Graphic Communications Program are required to wear close-toed shoes while in the lab.

## Graphic Communications Planned Courses

| Content Area | Course Title                                  | Course Number    | Course Hours |
|--------------|---|------------------|--------------|
| <b>00</b>    | <b>Fundamentals of Graphic Communications</b> |                  |              |
|              | Intro to Graphics and Safety                  | GRA101           | 30           |
|              | Basic Measurement and Math                    | GRA102           | 15           |
|              | Leadership                                    | PFS109<br>PFS110 | 7.5<br>7.5   |
|              | Business Principles                           | PFS209<br>PFS211 | 7.5<br>7.5   |
|              | Job Application/Interpersonal Skills          | GRA301           | 30           |
|              | Total Quality Principles                      | PFS309<br>PFS310 | 7.5<br>7.5   |
| <b>10</b>    | <b>Design</b>                                 |                  |              |
|              | Introduction to Adobe Creative Suite          | GRA110           | 45           |
|              | Intro to Microsoft Office                     | GRA111           | 30           |
|              | Typography                                    | GRA112           | 45           |
|              | Design & Layout                               | GRA113           | 45           |
|              | Intro to Adobe InDesign                       | GRA114           | 45           |
|              | Intro to Adobe Photoshop                      | GRA116           | 45           |
|              | Color Science                                 | GRA118           | 45           |
|              | Intro to Adobe Illustrator                    | GRA119           | 45           |
|              | Electronic Editing and Publishing I           | GRA211           | 45           |
|              | Electronic Editing and Publishing II          | GRA213           | 45           |
|              | Electronic Editing and Publishing III         | GRA214           | 45           |
|              | Digital Image Capture I                       | GRA215           | 45           |
|              | File Creation to Output                       | GRA216           | 30           |
|              | Electronic Editing & Publishing IV            | GRA217           | 45           |
|              | Digital Image Capture II                      | GRA311           | 45           |
| <b>20</b>    | <b>Pre-Press Operations</b>                   |                  |              |
|              | Electronic Pre-Press/Digital Printing I       | GRA321           | 30           |
| <b>30</b>    | <b>Press Operations</b>                       |                  |              |
|              | Press Operations I                            | GRA131           | 30           |
|              | Press Operations II                           | GRA132           | 30           |
|              | Press Operations III                          | GRA231           | 30           |
|              | Press Operations IV                           | GRA232           | 45           |
|              | Ink/Science Mixing                            | GRA233           | 30           |
|              | Press Operations V                            | GRA332           | 30           |
|              | Press Operations VI                           | GRA333           | 30           |
| <b>40</b>    | <b>Post-Press Operations</b>                  |                  |              |
|              | Binding and Finishing I                       | GRA141           | 30           |
|              | Binding and Finishing II                      | GRA241           | 45           |
|              | Binding and Finishing III                     | GRA341           | 45           |

|           |  |        |    |
|-----------|--|--------|----|
| <b>50</b> | <b>Graphic Communications Theory</b>                   |        |    |
|           | Lithographic Press Systems                             | GRA251 | 45 |
|           | Printing Processes                                     | GRA253 | 30 |
|           | Substrates   | GRA352 | 45 |
|           | Business of Printing/Graphic<br>Communications Careers | GRA353 | 45 |
| <b>60</b> | <b>Special Studies</b>                                 |        |    |
|           | Special Studies I                                      | GRA361 | 45 |
|           | Special Studies II                                     | GRA362 | 45 |
|           | Special Studies III                                    | GRA363 | 45 |
|           | Special Studies IV                                     | GRA364 | 45 |