Bachelor of Science (BS)  
Degree Code  572*  
Concentration Code  572C  
Non-Teaching

Program of Study for  
Technology & Environmental Design Majors  
Graphic Arts and Imaging Technology  
Packaging Production Concentration

I. GENERAL EDUCATION  
(ECO 2030 taken for the minor may count toward General Education if completing a theme)  

II. MAJOR REQUIREMENTS  
(A minimum grade of “C” (2.0) is required in each major course. 21 semester hours must be completed at Appalachian State University)  

Students entering this program are required to have a Macintosh laptop/notebook computer to specifications described at http://www.tec/appstate.edu/students-computer-specification.  

Students are strongly encouraged to take an introductory computer course before starting GAIT courses.  

Junior Writing in the Discipline _____ & Senior Capstone Experience _____ must be met.  

Multidisciplinary Courses (3 sh)  
COM2101 ___ (3) Public Speaking

Graphic Arts and Imaging Technology Core (25 sh)  
GRA 1012 ___ (3) Introduction to Graphic Communications  
GRA 1022 ___ (3) Electronic Document Design I  
GRA 1520 ___ (3) Foundations of Packaging Production  
GRA 2012 ___ (3) Digital Printing Systems  
GRA 2012 ____ (3) Introduction to Printing and Finishing (Prerequisite: GRA 1012 and GRA 1022)  
GRA 2522 ___ (3) Electronic Document Design II (Prerequisite: GRA 1022)  
GRA 3112 ___ (3) Substrates, Inks and Toners (Prerequisite: GRA 2012)  
GRA 3722 ___ (3) Job Estimating and Planning (Prerequisite: GRA 3112)  
GRA 4112 ___ (3) Technical Assistant (Prerequisite: Junior or Senior Standing)  
GRA 4591 ___ (3) Advanced Printing and Finishing (Prerequisites: GRA 2012, GRA 3101, GRA 3112, and GRA 3772 or permission of instructor)

Graphic Arts and Imaging Technology Packaging Concentration Requirements (12 sh)  
GRA 2222 ___ (3) Introduction to Packaging Production (Prerequisite: GRA 2012)  
GRA 3882 ___ (3) Intermediate Packaging Production (Prerequisite: GRA 2222)  
GRA 4566 ___ (3) Advanced Packaging Production (Prerequisites: GRA 3112, GRA 3882)  
GRA 4722 ___ (3) Package Prototyping Studio (Prerequisite: GRA 4566)

Graphic Arts and Imaging Technology Packaging Concentration Electives (Choose 12 sh from the following)  
GRA 3102 ___ (3) Cross Media Production (Prerequisite: GRA 2522)  
GRA 3312 ___ (3) 3D Imaging and Animation  
GRA 3512 ___ (3) Web Development for Graphic Communications  
GRA 3512 ___ (3) Sustainability for Print Production (Prerequisite: GRA 2012)  
GRA 4512 ___ (3) Advanced Cross Media Production (Prerequisite: GRA 3102)  
GRA 4522 ___ (3) Advanced 3D Imaging and Animation (Prerequisite: GRA 3312)  
GRA 4524 ___ (3) Advanced Web Development for Graphic Communications (Prerequisite: GRA 3512)  
GRA 4558 ___ (3) Digital Printing Systems (Prerequisites: GRA 1022 and GRA 2522)

Seminars (2 sh)  
GRA 3622 ___ (1) Graphic Communications Seminar (WID) (Prerequisite: Junior Standing)  
GRA 4622 ___ (1) Current Trends in Graphic Communications Seminar (Prerequisite: Senior Standing)

Industry Internships (6 sh)  
GRA 3900 ___ (3) Graphic Communications Internship I (must have 16 semester hours of GRA credits)  
GRA 4900 ___ (3) Graphic Communications Internship II (CAP) (must have 30 semester hours of GRA credits)

III. GENERAL BUSINESS MINOR REQUIRED  

IV. FREE ELECTIVES (to total a minimum of 122 sh for this major)  
(2 sh of free electives outside the major discipline are required)

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<th>Minor Requirements that may count toward Gen Ed:</th>
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<tbody>
<tr>
<td>ECO 2030 (3)</td>
<td>Historical &amp; Social Perspective</td>
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<th>Total Minor Hrs:</th>
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<td>Gen Ed:</td>
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<td>Net Minor Hrs:</td>
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