Curriculum Guide for  
Bachelor of Science Graphic Communication Systems  
Trade and Industrial Education Teaching Concentration (2006-2008)  
Major Code: 0274

With Second Academic Concentration (SAC) - Interdisciplinary Technology  
Courses Numbers in RED are the NEW course numbers

### FRESHMAN YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Second Semester</th>
<th>Credit</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>GCS 133 – Introduction to Drafting Technology (121)</td>
<td>GCS 234¹ – Computer Aided Drafting (122)</td>
<td>3</td>
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<tr>
<td>MATH 111 – College Algebra &amp; Trigonometry</td>
<td>ENGL 101 – Ideas &amp; Their Expression I</td>
<td>4</td>
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<tr>
<td>UNST 110 – Critical Writing</td>
<td>MATH 112 – Calculus for Non-Math Majors</td>
<td>3</td>
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<tr>
<td>UNST 120 – The Contemporary World</td>
<td>CUIN 102 – Introduction to Teacher Education I</td>
<td>3</td>
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<tr>
<td>UNST 130 – Analytical Reasoning</td>
<td>UNST 140 – African American Experience</td>
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<tr>
<td>UNST 100/GCS 100 – Univ. Exp. or Orientation</td>
<td>HPED 200 – Personal Health</td>
<td>1</td>
<td>2</td>
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<tr>
<td>GCS 101 – Colloquium I</td>
<td>GCS 102 – Colloquium II</td>
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### SOPHOMORE YEAR

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<tbody>
<tr>
<td>UNST Cluster Theme Elective²</td>
<td>CUIN 301 – Philosophical &amp; Sociological Foundations</td>
<td>3</td>
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<tr>
<td>TECH 218 – Introduction to Technology (101)</td>
<td>ECT 299¹ – Survey of Electronics &amp; Computer Technology</td>
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<tr>
<td>GCS 110¹ – Design for Graphic Communications (181)</td>
<td>UNST Cluster Theme Elective²</td>
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<tr>
<td>TECH 219 – Technological Invention &amp; Innovation (102)</td>
<td>TECH 412 – Introduction to Construction Systems (203)</td>
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<tr>
<td>Selected Technical Specialty³</td>
<td>TECH 382 – Computer Applications for Tech. Studies (201)</td>
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<td>GCS 203 – Colloquium III</td>
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### JUNIOR YEAR

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<th>First Semester</th>
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<tbody>
<tr>
<td>Selected Technical Specialty³</td>
<td>TECH 462 – Organization &amp; Management of Tech. Ed.</td>
<td>3</td>
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<tr>
<td>CUIN 400 – Psychological Foundations of Education</td>
<td>CUIN 436 – Evaluation &amp; Assessment</td>
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<td>UNST Cluster Theme Elective²</td>
<td>PHYS 225/235 – College Physics I &amp; Lab</td>
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<tr>
<td>TECH 413 – Introduction to Manufacturing Systems (204)</td>
<td>TECH 414 – Introduction to Communication Systems (205)</td>
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### SENIOR YEAR

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<tbody>
<tr>
<td>TECH 566 – Tech. Ed. Teaching Methods (402)</td>
<td>GCS 500 – Graphic &amp; Tech. Ed. Senior Seminar (400)</td>
<td>3</td>
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<tr>
<td>SPED 350 – Introduction to Exceptional Children</td>
<td>MFG 472¹ – Numerically Controlled Machine-Tool Tech.</td>
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<tr>
<td>CUIN 624 – Teaching Reading in the Secondary School</td>
<td>CUIN 560ª – Observation &amp; Student Teaching</td>
<td>3</td>
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<tr>
<td>TECH 415 – Introduction to Transportation Systems (206)</td>
<td>Selected Technical Specialty³</td>
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<tr>
<td>MFG 293¹ – Power Technology</td>
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### Total Credit Hours: 128

¹ Second Academic Concentration (SAC; 18 sem. Hrs.) Interdisciplinary Technology. If another SAC is preferred, then the student must consult with the advisor. A SAC is not required for Training and Development for Industry Concentration.

² University Cluster Theme Electives: Must choose one cluster and take courses only in that cluster.

³ Selected Technical Specialty. Need 15 to 21 semester hours in a Selected Technical Specialty Area listed below the Training and Development for Industry Curriculum guide.

⁴ Capstone course for the curriculum

Effective Fall 2006  
Approved 10/20/05