## “Drawing Board” for a Tech Prep Program

### Business CLUSTER

#### Milledgeville High School

<table>
<thead>
<tr>
<th>Subject</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH (3 yrs. required)</td>
<td>Pre-Alg.</td>
<td>Geometry</td>
<td>Advanced Math</td>
<td>Calculus</td>
</tr>
<tr>
<td>ENGLISH/</td>
<td>English I</td>
<td>English II</td>
<td>English III</td>
<td>English IV</td>
</tr>
<tr>
<td>SPEECH (4 yrs. required)</td>
<td>Natural Science</td>
<td>Biology</td>
<td>Chemistry</td>
<td>Physics</td>
</tr>
<tr>
<td>SCIENCE (3 yrs. required)</td>
<td>Early World Hist/ Middle World Hist/ Late World Hist or Geography</td>
<td>Govt.</td>
<td>US History Soc I &amp; II Or Psych I &amp; II</td>
<td>American Problems</td>
</tr>
</tbody>
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#### Sauk Valley Community College

<table>
<thead>
<tr>
<th>Subject</th>
<th>Freshman</th>
<th>Sophomore</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 106 or higher- 3-4 hrs.</td>
<td>ENG 101- Composition I-3 hrs.</td>
<td>ENG 111- Bus. &amp; Tech. Writing-3 hrs.</td>
</tr>
<tr>
<td>Physical/ Life Science-3 hrs</td>
<td>Social/ Behavioral Science-3 hrs.</td>
<td>Humanities/ Fine Arts-3 hrs.</td>
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### (COMPUTER) TECHNOLOGY

#### Intro to Computers

<table>
<thead>
<tr>
<th>Subject</th>
<th>Freshman</th>
<th>Sophomore</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 193- Windows Server Admin.- 3 hrs.</td>
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**Recommended High School Electives:**
Computer Application, business & Accounting courses

**Relevant Articulated/Dual Credit Courses:**

<table>
<thead>
<tr>
<th>WACC- Computer Technology:</th>
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</thead>
<tbody>
<tr>
<td>CIS 167- 3 hrs.</td>
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<tr>
<td>CIS 151- 2 hrs.</td>
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<tr>
<td>CIS 190- 2 hrs.</td>
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**SVCC Associate in Applied Science Degree:**
Computer Information Systems-Server Specialist

**SVCC Certificate:**
Computer Information Systems- Server Administrator

**Cluster Related Careers:**
Operations Research Analysts-$ 59,000-75,500
Computer & Information Systems Manager-$ 86,300-110,900
Computer Operators-$ 32,100-41,100
Computer Programmer-$ 61,000-77,600
Computer Science Teachers-$ 49,700-69,700

*Select 6 hours from: CIS 152, CIS 154, CIS 156, CIS 158
**Select 9 hours from: ACC 101, ACC 102, BUS 231, BUS 232, BUS 235, BUS 236, CIS 197, CIS 250