



**JCCC CAREER PATHWAYS
ARTICULATION AGREEMENT
BETWEEN
BLUE VALLEY SCHOOLS AND JOHNSON COUNTY COMMUNITY COLLEGE**

**INDUSTRIAL,
MANUFACTURING, AND
ENGINEERING SYSTEMS
CLUSTER**

| GRADE 11 | GRADE 12 | JOHNSON COUNTY COMMUNITY COLLEGE | | | | | | | | | | | | | | |
|---|---|---|--|--------------------|------------|--|-----------------------|-----------------|--------------|--------------------------------|-----------------------|-----------------------|------------------|-----------------------------------|--|--|
| Communication Arts III Algebra II <i>OR</i> Advanced Algebra Technical Physics I <i>OR</i> Chemistry Drafting II U.S. History | Contemporary Comm. Advanced Algebra <i>OR</i> Pre-Calculus/Trig <i>OR</i> AP Calculus Technical Physics II <i>OR</i> Physics Adv. Drafting III American Government | <p>AUTOMOTIVE TECHNOLOGY</p> <p>CIVIL ENGINEERING TECHNOLOGY</p> <p>DRAFTING TECHNOLOGY</p> <p>ELECTRICAL TECHNOLOGY</p> <p>ELECTRONICS TECHNOLOGY</p> <p>HEATING, VENTILATION AND AIR CONDITIONING TECHNOLOGY</p> <p>INDUSTRIAL MAINTENANCE</p> <p>METAL FABRICATION TECHNOLOGY</p> <p>POWER PLANT TECHNOLOGY</p> <p>RAILROAD OPERATIONS</p> | | | | | | | | | | | | | | |
| <p align="center">BLUE VALLEY ELECTIVES</p> <table border="0"> <tr> <td>Industrial Technology Systems</td> <td>Intro to Computer Programming in BASIC</td> </tr> <tr> <td>Career Exploration</td> <td>Accounting</td> </tr> <tr> <td>Advanced Computer Programming in BASIC</td> <td>Computer Applications</td> </tr> <tr> <td>Digital Imaging</td> <td>AP Economics</td> </tr> <tr> <td>Advanced Computer Applications</td> <td>3D Computer Animation</td> </tr> <tr> <td>BUbusiness Law I & II</td> <td>Foreign Language</td> </tr> <tr> <td>Advanced Industrial Tech. Systems</td> <td></td> </tr> </table> | | Industrial Technology Systems | Intro to Computer Programming in BASIC | Career Exploration | Accounting | Advanced Computer Programming in BASIC | Computer Applications | Digital Imaging | AP Economics | Advanced Computer Applications | 3D Computer Animation | BUbusiness Law I & II | Foreign Language | Advanced Industrial Tech. Systems | | |
| Industrial Technology Systems | Intro to Computer Programming in BASIC | | | | | | | | | | | | | | | |
| Career Exploration | Accounting | | | | | | | | | | | | | | | |
| Advanced Computer Programming in BASIC | Computer Applications | | | | | | | | | | | | | | | |
| Digital Imaging | AP Economics | | | | | | | | | | | | | | | |
| Advanced Computer Applications | 3D Computer Animation | | | | | | | | | | | | | | | |
| BUbusiness Law I & II | Foreign Language | | | | | | | | | | | | | | | |
| Advanced Industrial Tech. Systems | | | | | | | | | | | | | | | | |

ADVANCED STANDING CREDITS

| <u>HIGH SCHOOL</u> | <u>APPLICABLE PROGRAM</u> | <u>JCCC EQUIVALENT</u> | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------|------------------------|---------------------|-----------------|---------------------|------------------|------------------|---------------------|--------|--|----------------------|--|---|---|-----------------|-------------|----------|-----------------------|----------|------------------|---------|--------------------------|
| <table border="0"> <tr> <td>Course #</td> <td>Name</td> </tr> <tr> <td>IT0702 <i>OR</i> 03</td> <td>Drafting II (1)</td> </tr> <tr> <td>IT0704 <i>OR</i> 05</td> <td>Drafting III (1)</td> </tr> <tr> <td>BC0218 <i>OR</i></td> <td>W.P. or Comp. (1/2)</td> </tr> <tr> <td>BC0219</td> <td></td> </tr> <tr> <td>BC 0224 <i>OR</i> 25</td> <td></td> </tr> </table> | Course # | Name | IT0702 <i>OR</i> 03 | Drafting II (1) | IT0704 <i>OR</i> 05 | Drafting III (1) | BC0218 <i>OR</i> | W.P. or Comp. (1/2) | BC0219 | | BC 0224 <i>OR</i> 25 | | <p>DRAFTING TECHNOLOGY</p> <p>DRAFTING TECHNOLOGY</p> <p>METAL FABRICATION</p> | <table border="0"> <tr> <td>Course #</td> <td>Name</td> </tr> <tr> <td>DRAF 120</td> <td>Intro to Drafting (2)</td> </tr> <tr> <td>DRAF 130</td> <td>Intro to CAD (3)</td> </tr> <tr> <td>BOT 101</td> <td>Computer Keyboarding (1)</td> </tr> </table> | Course # | Name | DRAF 120 | Intro to Drafting (2) | DRAF 130 | Intro to CAD (3) | BOT 101 | Computer Keyboarding (1) |
| Course # | Name | | | | | | | | | | | | | | | | | | | | | |
| IT0702 <i>OR</i> 03 | Drafting II (1) | | | | | | | | | | | | | | | | | | | | | |
| IT0704 <i>OR</i> 05 | Drafting III (1) | | | | | | | | | | | | | | | | | | | | | |
| BC0218 <i>OR</i> | W.P. or Comp. (1/2) | | | | | | | | | | | | | | | | | | | | | |
| BC0219 | | | | | | | | | | | | | | | | | | | | | | |
| BC 0224 <i>OR</i> 25 | | | | | | | | | | | | | | | | | | | | | | |
| Course # | Name | | | | | | | | | | | | | | | | | | | | | |
| DRAF 120 | Intro to Drafting (2) | | | | | | | | | | | | | | | | | | | | | |
| DRAF 130 | Intro to CAD (3) | | | | | | | | | | | | | | | | | | | | | |
| BOT 101 | Computer Keyboarding (1) | | | | | | | | | | | | | | | | | | | | | |
| (High School Credits) | | (JCCC Credits) | | | | | | | | | | | | | | | | | | | | |