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| English:  EN 1103 English Composition I  or EN 1163 Accelerated Composition I  EN 1113 English Composition II  or EN 1173 Accelerated Composition II |
| Fine Arts:  See general Education Courses |
| Natural Sciences:  CH 1043 Survey of Chemistry I  CH 1051 Experimental Chemistry  PH 1013 Physical Science Survey I  PH 1011 Physical Science Survey I Lab  PH 1023 Physical Science Survey II |
| Extra Science (if appropriate) |
| Math:  MA 1323 Trigonometry  MA 1613 Calculus for Business and Life Sciences I or MA 1713 Calculus I  BQA 2113 Business Statistical Methods I\* or MA 2113 Introduction to Statistics or ST 2113 Introduction to Statistics |
| Humanities:  See general Education Courses |
| Social/Behavioral Sciences:  See general Education Courses1 |
| Major Core Courses:  TKI 1203 Industrial Communications  TKI 1814 Basic Industrial Electricity and Electronics  TKI 2113 Introduction to PLC Programming  TKI 2123 Introduction to CNC Programming  TKI 2323 Welding Technology  TKI 3044 Industrial Safety  TKI 3063 Industrial Human Relations  TKI 3104 Advanced Industrial Electricity and Electronics  TKI 3223 Industrial Materials Technology  TKI 3243 Industrial Metrology  TKI 3343 CAD/CAM  TKI 3363 Motion and Time Study  TKI 3373 Forecasting and Cost Modeling  TKI 3683 CNC Machining Processes  TKI 3813 Writing for Industry  TKI 4113 Industrial Fluid Power  TKI 4213 Survey of Energy Sources and Power Technology  TKI 4224 Quality Assurance  TKI 4801 Senior Seminar |
| Manufacturing & Maintenance Management Concentration Courses:  ACC 2013 Principles of Financial Accounting\* or ACC 2203 Survey of Accounting  BL 2413 The Legal Environment of Business  TKI 4103 Industrial Control Systems  TKI 4233 Maintenance Management  TKI 4263 Manufacturing Technology and Processing  TKI 4373 Lean Six Sigma  TKI 4463 Manufacturing Technology and Processing II  TKI Elective  Approved Electives:  TKI 4203 Automated Systems  TKI 4303 Industrial Robotics  TKI 4343 CADCAM II |
| Total Hours |
| Footnotes1 EC 2113 and EC 2123 recommended for business minors  \* Required for general business administration minor |