

**Technology Education**  
**Science, Technology & Engineering Career Cluster**

**Process of Design and  
Engineering Pathway  
14.01**

Processes of Design  
and Engineering I  
21.040311

Processes of Design  
and Engineering II  
21.040312

Processes of Design  
and Engineering III  
21.040313

*Optional: Physical  
Technology Research and  
Development IV  
21.040914*

**Communication Technology  
14.06**

Communication Technology I  
21.030411

Communication Technology II  
21.030412

Communication Technology III  
21.030413

*Optional: Communication  
Technology Research and  
Development IV  
21.030814*

**Fundamentals of Structures  
Pathway  
14.02**

Fundamentals  
of Structures I  
21.040411

Design and Analysis  
of Structures II  
21.040412

Structural Engineering and  
Design III  
21.040413

*Optional: Physical  
Technology Research and  
Development IV  
21.040914*

**Graphic Design and  
Production Pathway  
14.07**

Graphic Design and  
Production I  
21.030511

Graphic Design and  
Production II  
21.030512

Graphic Design and  
Production III  
21.030513

*Optional: Communication  
Technology Research and  
Development IV  
21.030814*

**Foundations of Technology  
14.03**

Foundations of  
Technology I  
21.050111

Transfer of  
Technology II  
21.050112

Applied  
Technology III  
21.050113

*Optional: Research and  
Development of Technology  
IV  
21.050114*

**Digital Media and Imaging  
Production Pathway  
14.08**

Digital Media and Imaging I  
21.030611

Digital Media and Imaging II  
21.030612

Digital Media and Imaging III  
21.030613

*Optional: Communication  
Technology Research and  
Development IV  
21.030814*

**Technology Education**  
**Science, Technology & Engineering Career Cluster**

**Audio, Radio and Video  
Engineering Pathway  
14.09**

Audio, Radio and Video  
Engineering I  
21.030711

Audio, Radio and Video  
Engineering II  
21.030712

Audio, Radio and Video  
Engineering III  
21.030713

*Optional: Communication  
Technology Research and  
Development IV  
21.030814*

**Microsoft Engineering  
Pathway  
14.10**

Microsoft Engineering I  
21.050411

Microsoft Engineering II  
21.050412

Microsoft Engineering III  
21.050413

**Cisco Pathway  
14.11**

Business, Finance &  
Marketing Essentials  
52.010111

Cisco I  
21.050311

Cisco II  
21.050312

**Drafting and Design - CAD  
Pathway  
14.12**

Drafting and Design- CAD I  
21.030111

Drafting and Design-CAD II  
21.030112

Drafting and Design-CAD III  
21.030113

*Optional: Communication  
Technology Research and  
Development IV  
21.030814*

**Drafting and Design -  
Architeturcal Pathway  
14.13**

Drafting and Design- CAD I  
21.030111

Architeturcal-CAD II  
21.030212

Architeturcal-CAD III  
21.030213

*Optional: Communication  
Technology Research and  
Development IV  
21.030814*

**Drafting and Design -  
Engineering Pathway  
14.14**

Drafting and Design- CAD I  
21.030111

Engineering-CAD II  
21.030312

Engineering-CAD III  
21.030313

*Optional: Communication  
Technology Research and  
Development IV  
21.030814*

**Technology Education**  
**Science, Technology & Engineering Career Cluster**

**Technology Systems  
Pathway  
14.04**

Technological Systems I  
21.050211

Construction Systems II  
21.050212

Manufacturing Systems III  
21.050213

*Optional: Control Systems IV*  
21.050214

**Bio-Related Technology  
Pathway  
14.05**

Fundamentals of Bio-  
Technology I  
21.020111

Bio-Technology Systems  
Design and Prototyping II  
21.020112

Bio-Technology Enviromental  
Systems Design III  
21.020113

*Optional: Bio-Technology  
Research and Development  
IV*  
21.020114

**Materials Science  
Processing Pathway  
14.15**

Materials Science and  
Processing I  
21.040111

Materials Science and  
Processing II  
21.040112

Materials Science and  
Processing III  
21.040113

**Construction and  
Manufacturing Pathway  
14.16**

Construction and  
Manufacturing Systems I  
21.040511

Construction and  
Manufacturing Systems II  
21.040212

Construction and  
Manufacturing Systems III  
21.040213

*Optional: Physical Technology  
Research and Development  
IV*  
21.040914

**Electricity and Electronics  
Pathway  
14.17**

Electricity and Electronics I  
21.040611

Electricity and Electronics II  
21.040612

Electricity and Electronics III  
21.040613

*Optional: Physical Technology  
Research and Development  
IV*  
21.040914

**Automotive Technology  
Pathway  
14.18**

Automotive Technology I  
21.040811

Automotive Technology II  
21.040812

Automotive Technology III  
21.040813

*Optional: Physical Technology  
Research and Development  
IV*  
21.040914

**Technology Education**  
**Science, Technology & Engineering Career Cluster**

**System Control Technology  
Pathway  
14.19**

System Control Technology I  
21.040711

System Control Technology II  
21.040712

System Control Technology III  
21.040713

*Optional: Physical Technology  
Research and Development  
IV  
21.040914*