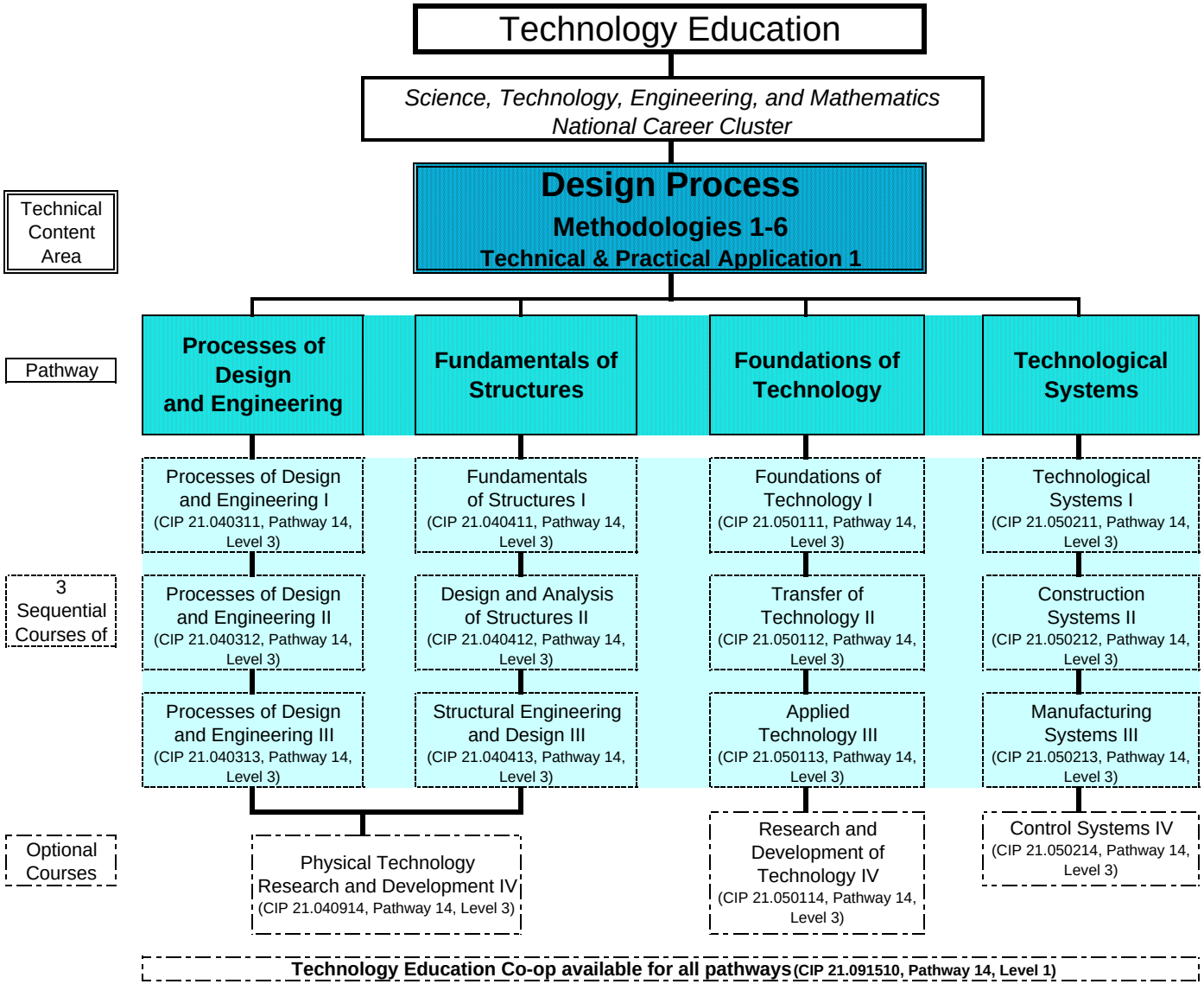
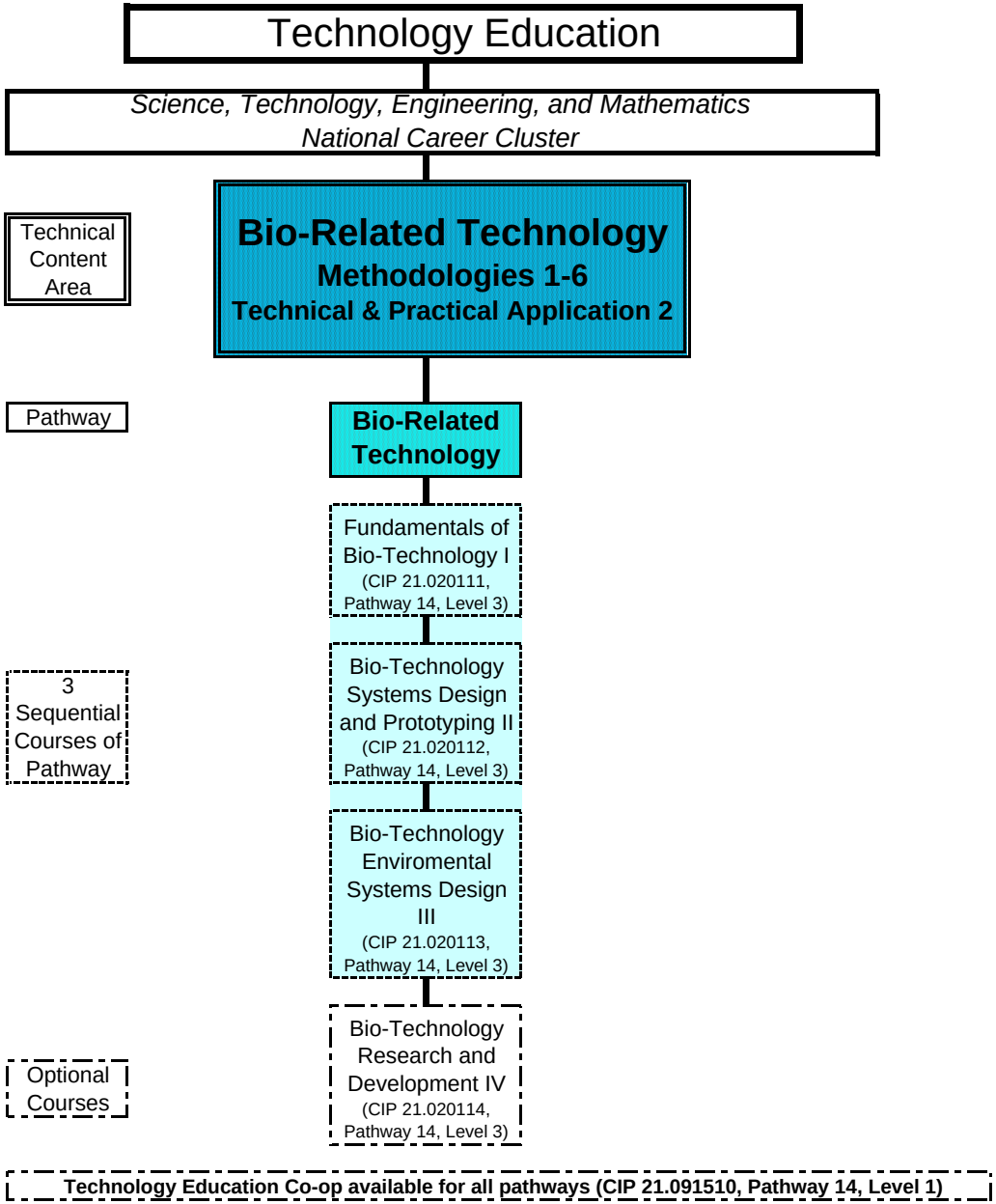
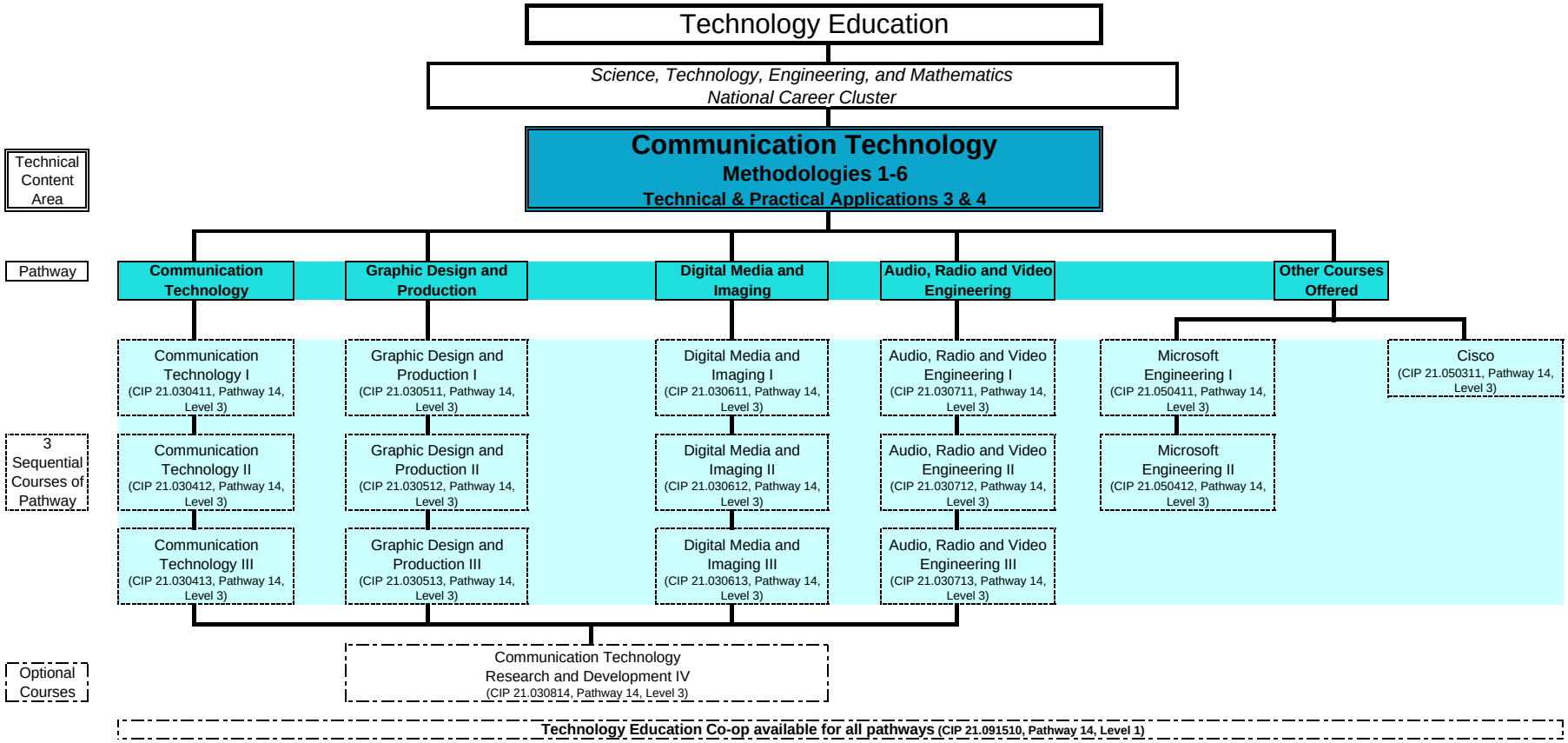
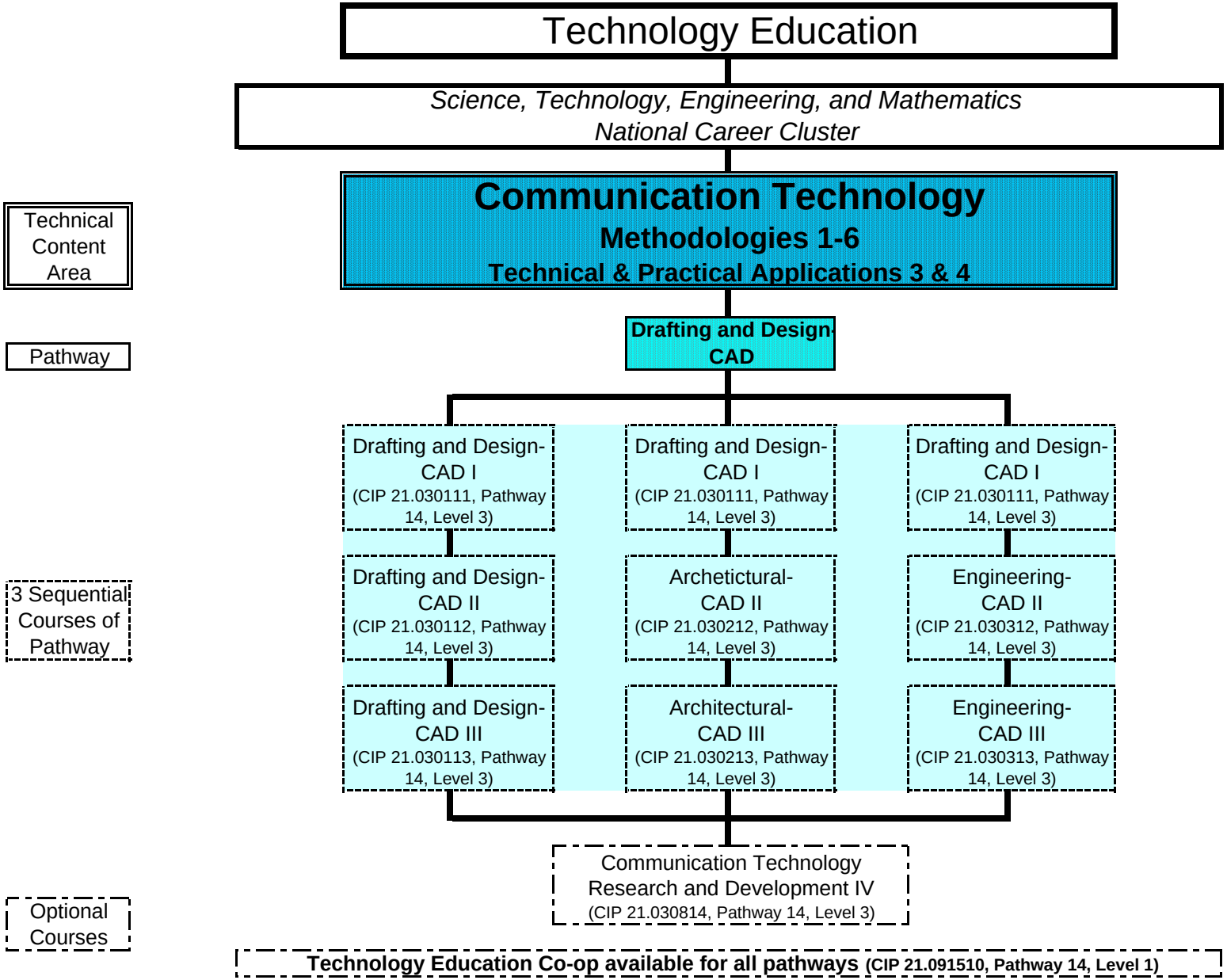
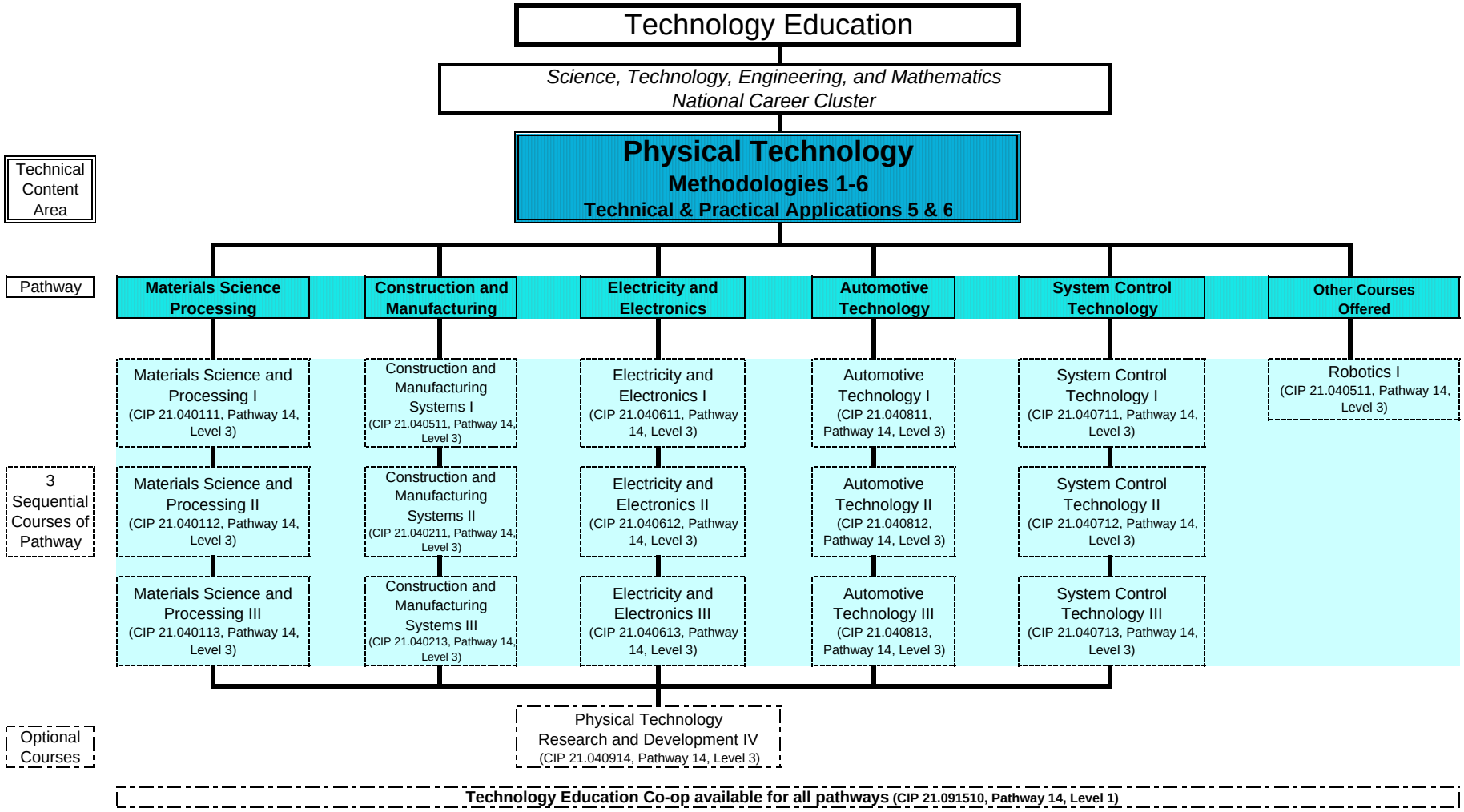

Technology Education
Science, Technology, Engineering, and Mathematics National Career Cluster
Design Process
Methodologies 1-6
Technical & Practical Application 1
Technical Content Area
Pathway
Processes of Design and Engineering
Fundamentals of Structures
Foundations of Technology
Technological Systems
3 Sequential Courses of
Processes of Design and Engineering I (CIP 21.040311, Pathway 14, Level 3)
Processes of Design and Engineering II (CIP 21.040312, Pathway 14, Level 3)
Processes of Design and Engineering III (CIP 21.040313, Pathway 14, Level 3)
Fundamentals of Structures I (CIP 21.040411, Pathway 14, Level 3)
Design and Analysis of Structures II (CIP 21.040412, Pathway 14, Level 3)
Structural Engineering and Design III (CIP 21.040413, Pathway 14, Level 3)
Foundations of Technology I (CIP 21.050111, Pathway 14, Level 3)
Transfer of Technology II (CIP 21.050112, Pathway 14, Level 3)
Applied Technology III (CIP 21.050113, Pathway 14, Level 3)
Technological Systems I (CIP 21.050211, Pathway 14, Level 3)
Construction Systems II (CIP 21.050212, Pathway 14, Level 3)
Manufacturing Systems III (CIP 21.050213, Pathway 14, Level 3)
Optional Courses
Physical Technology Research and Development IV (CIP 21.040914, Pathway 14, Level 3)
Research and Development of Technology IV (CIP 21.050114, Pathway 14, Level 3)
Control Systems IV (CIP 21.050214, Pathway 14, Level 3)
Technology Education Co-op available for all pathways (CIP 21.091510, Pathway 14, Level 1)


Technology Education
Science, Technology, Engineering, and Mathematics
National Career Cluster
Technical Content Area
Bio-Related Technology
Methodologies 1-6
Technical & Practical Application 2
Pathway
Bio-Related Technology
3 Sequential Courses of Pathway
Fundamentals of Bio-Technology I
(CIP 21.020111, Pathway 14, Level 3)
Bio-Technology Systems Design and Prototyping II
(CIP 21.020112, Pathway 14, Level 3)
Bio-Technology Enviromental Systems Design III
(CIP 21.020113, Pathway 14, Level 3)
Optional Courses
Bio-Technology Research and Development IV
(CIP 21.020114, Pathway 14, Level 3)
Technology Education Co-op available for all pathways (CIP 21.091510, Pathway 14, Level 1)


Technology Education
Science, Technology, Engineering, and Mathematics
National Career Cluster
Technical Content Area
Communication Technology
Methodologies 1-6
Technical & Practical Applications 3 & 4
Pathway
Communication Technology
Graphic Design and Production
Digital Media and Imaging
Audio, Radio and Video Engineering
Other Courses Offered
3 Sequential Courses of Pathway
Communication Technology I (CIP 21.030411, Pathway 14, Level 3)
Communication Technology II (CIP 21.030412, Pathway 14, Level 3)
Communication Technology III (CIP 21.030413, Pathway 14, Level 3)
Graphic Design and Production I (CIP 21.030511, Pathway 14, Level 3)
Graphic Design and Production II (CIP 21.030512, Pathway 14, Level 3)
Graphic Design and Production III (CIP 21.030513, Pathway 14, Level 3)
Digital Media and Imaging I (CIP 21.030611, Pathway 14, Level 3)
Digital Media and Imaging II (CIP 21.030612, Pathway 14, Level 3)
Digital Media and Imaging III (CIP 21.030613, Pathway 14, Level 3)
Audio, Radio and Video Engineering I (CIP 21.030711, Pathway 14, Level 3)
Audio, Radio and Video Engineering II (CIP 21.030712, Pathway 14, Level 3)
Audio, Radio and Video Engineering III (CIP 21.030713, Pathway 14, Level 3)
Microsoft Engineering I (CIP 21.050411, Pathway 14, Level 3)
Microsoft Engineering II (CIP 21.050412, Pathway 14, Level 3)
Cisco (CIP 21.050311, Pathway 14, Level 3)
Optional Courses
Communication Technology Research and Development IV (CIP 21.030814, Pathway 14, Level 3)
Technology Education Co-op available for all pathways (CIP 21.091510, Pathway 14, Level 1)


Technology Education
Science, Technology, Engineering, and Mathematics
National Career Cluster
Communication Technology
Methodologies 1-6
Technical & Practical Applications 3 & 4
Technical Content Area
Pathway
Drafting and Design-CAD
3 Sequential Courses of Pathway
Drafting and Design-CAD I (CIP 21.030111, Pathway 14, Level 3)
Drafting and Design-CAD II (CIP 21.030112, Pathway 14, Level 3)
Drafting and Design-CAD III (CIP 21.030113, Pathway 14, Level 3)
Drafting and Design-CAD I (CIP 21.030111, Pathway 14, Level 3)
Archetictural-CAD II (CIP 21.030212, Pathway 14, Level 3)
Architectural-CAD III (CIP 21.030213, Pathway 14, Level 3)
Drafting and Design-CAD I (CIP 21.030111, Pathway 14, Level 3)
Engineering-CAD II (CIP 21.030312, Pathway 14, Level 3)
Engineering-CAD III (CIP 21.030313, Pathway 14, Level 3)
Optional Courses
Communication Technology Research and Development IV (CIP 21.030814, Pathway 14, Level 3)
Technology Education Co-op available for all pathways (CIP 21.091510, Pathway 14, Level 1)


Technology Education
Science, Technology, Engineering, and Mathematics
National Career Cluster
Technical Content Area
Physical Technology
Methodologies 1-6
Technical & Practical Applications 5 & 6
Pathway
Materials Science Processing
Construction and Manufacturing
Electricity and Electronics
Automotive Technology
System Control Technology
Other Courses Offered
Materials Science and Processing I (CIP 21.040111, Pathway 14, Level 3)
Construction and Manufacturing Systems I (CIP 21.040511, Pathway 14, Level 3)
Electricity and Electronics I (CIP 21.040611, Pathway 14, Level 3)
Automotive Technology I (CIP 21.040811, Pathway 14, Level 3)
System Control Technology I (CIP 21.040711, Pathway 14, Level 3)
Robotics I (CIP 21.040511, Pathway 14, Level 3)
3 Sequential Courses of Pathway
Materials Science and Processing II (CIP 21.040112, Pathway 14, Level 3)
Construction and Manufacturing Systems II (CIP 21.040211, Pathway 14, Level 3)
Electricity and Electronics II (CIP 21.040612, Pathway 14, Level 3)
Automotive Technology II (CIP 21.040812, Pathway 14, Level 3)
System Control Technology II (CIP 21.040712, Pathway 14, Level 3)
Materials Science and Processing III (CIP 21.040113, Pathway 14, Level 3)
Construction and Manufacturing Systems III (CIP 21.040213, Pathway 14, Level 3)
Electricity and Electronics III (CIP 21.040613, Pathway 14, Level 3)
Automotive Technology III (CIP 21.040813, Pathway 14, Level 3)
System Control Technology III (CIP 21.040713, Pathway 14, Level 3)
Optional Courses
Physical Technology Research and Development IV (CIP 21.040914, Pathway 14, Level 3)
Technology Education Co-op available for all pathways (CIP 21.091510, Pathway 14, Level 1)