

## 2014-2015 CTE Program Codes and Titles State-designated Course Sequence

(Updated 10/20/2014)

**Career Exploration:** Career Exploration must be offered in the program sequence of instruction prior to Career Preparation courses. Student enrollment in Career Exploration will not be reported to the Department of Education.

**Career Preparation:** Below is the sequence of courses that should be offered in Career Preparation for each program.

### **52.0300.00 Accounting and Related Services**

52.0300.10 Introduction to Business and Accounting

**-and-**

52.0300.20 Basic Accounting

**And program may elect to add:**

52.0300.30 Advanced Accounting

**-or-**

52.0300.75 Accounting - Internship

**-or-**

52.0300.80 Accounting - Cooperative Education

### **46.0400.20 Advanced Construction Technologies**

46.0400.10 Construction Technologies Core Curriculum

*(.10 CIP Code is used for the core curriculum course if the course is a shared core curriculum course for any other 46.0400. program, i.e. cabinetmaking or carpentry.)*

**-OR-**

46.0400.11 Construction Technologies Core Curriculum

*(.11 CIP Code is used for the core curriculum course if the course is the core curriculum course for 46.0400.20 Advanced Construction Technologies only.)*

**-and-**

46.0400.20 Advanced Construction Technologies

**And program may elect to add:**

46.0400.75 Construction Technologies - Internship

**-or-**

46.0400.80 Construction Technologies - Cooperative Education

### **52.1800.30 Advertising and Public Relations**

52.1800.10 Fundamentals of Marketing, Management and Entrepreneurship

*(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 52.1800. program, i.e. Professional Sales and Marketing, Entertainment Marketing and/or Entrepreneurship.)*

**-or-**

52.1800.12 Fundamentals of Marketing, Management and Entrepreneurship

*(.12 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 52.1800.30 Advertising and Public Relations only.)*

**-and-**

52.1800.30 Advertising and Public Relations

**And program may elect to add:**

52.1800.75 Marketing, Management and Entrepreneurship Internship

**-or-**

52.1800.80 Marketing, Management and Entrepreneurship Cooperative Education

**01.0100.90 Agribusiness Systems**

- 01.0100.10 Agriculture Business Management - Introduction to Applied Biological Systems
- and-
- 01.0100.12 Agricultural Business Management - Applied Biological Systems
- and-
- 01.0100.14 Agricultural Business Management - Agriscience
- and-
- 01.0100.90 Agribusiness Systems
- And program may elect to add:**
- 01.0100.75 Agricultural Business Management - Agriscience - Internship
- or-
- 01.0100.80 Agricultural Business Management - Agriscience - Cooperative Education

**49.0100.00 Air Transportation**

- 49.0100.10 Air Transportation I
- and-
- 49.0100.20 Air Transportation II
- and-
- 49.0100.30 Air Transportation III
- And program may elect to add:**
- 49.0100.75 Air Transportation - Internship
- or-
- 49.0100.80 Air Transportation - Cooperative Education

**47.0600.50 Aircraft Mechanics**

- 47.0600.10 Transportation Technologies Core Curriculum  
*(.10 CIP Code is used for the core curriculum course if the course is a shared core curriculum course for any other 47.0600. program, i.e. Automotive Technologies Automotive Collision Repair, and/or Diesel Engine Repair)*
- or-
- 47.0600.14 Transportation Technologies Core Curriculum  
*(.14 CIP Code is used for the core curriculum course if the course is the core curriculum course for 47.0600.50 Aircraft Mechanics only.)*
- and-
- 47.0600.50 Aircraft Mechanics I
- and-
- 47.0600.55 Aircraft Mechanics II
- And program may elect to add:**
- 47.0600.75 Transportation Technologies - Internship
- or-
- 47.0600.80 Transportation Technologies - Cooperative Education

**01.0100.40 Animal Systems**

- 01.0100.10 Agriculture Business Management - Introduction to Applied Biological Systems
- and-
- 01.0100.12 Agricultural Business Management - Applied Biological Systems
- and-
- 01.0100.14 Agricultural Business Management - Agriscience
- and-
- 01.0100.40 Animal Systems
- And program may elect to add:**
- 01.0100.75 Agricultural Business Management - Agriscience - Internship
- or-
- 01.0100.80 Agricultural Business Management - Agriscience - Cooperative Education

<b>10.0200.60</b>	<b>Animation</b>	
10.0200.10	Communication Media Technologies Fundamentals <i>(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 10.0200. program, i.e. Digital Print, Graphic/Web Design, Journalism, Digital Photography, Film &amp;TV and/or Music/Audio Production.)</i>	
	<b>-or-</b>	
10.0200.15	Communications Media Technologies Fundamentals <i>(.15 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 10.0200.60 Animation only.)</i>	
	<b>-and-</b>	
10.0200.60	Animation I	
	<b>-and-</b>	
10.0200.65	Animation II	
	<b>-or-</b>	
10.0200.20	Digital Printing I	
	<b>-or-</b>	
10.0200.30	Graphics/Web Design I	
	<b>-or-</b>	
10.0200.40	Journalism I	
	<b>-or-</b>	
10.0200.50	Digital Photography I	
	<b>-or-</b>	
10.0200.90	Film & TV I	
	<b>-or-</b>	
10.0200.00	Music and Audio Production I	
	<b><u>And program may elect to add:</u></b>	
10.0200.75	Communication Media Technologies – Internship	
	<b>-or-</b>	
10.0200.80	Communication Media Technologies – Cooperative Education	
<b>15.1300.20</b>	<b>Architectural Drafting</b>	
15.1300.10	Fundamentals of Drafting and Design Technologies <i>(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 15.1300. program, i.e. Electronics Drafting, and/or Mechanical Drafting.)</i>	
	<b>-or-</b>	
15.1300.11	Fundamentals of Drafting and Design Technologies <i>(.11 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 15.1300.20 Architectural Drafting only.)</i>	
	<b>-and-</b>	
15.1300.20	Architectural Drafting	
	<b><u>And program may elect to add:</u></b>	
15.1300.75	Drafting and Design Technologies - Internship	
	<b>-or-</b>	
15.1300.80	Drafting and Design Technologies - Cooperative Education	
<b>50.0500.30</b>	<b>Arts Management</b>	
50.0500.30	Fundamentals of Performing Arts and Entertainment Industry - Arts Management	
	<b>-and-</b>	
50.0500.35	Performing Arts and Entertainment Industry - Arts Management I	
	<b><u>And program may elect to add:</u></b>	
50.0500.36	Performing Arts and Entertainment Industry - Arts Management II	
	<b><u>And program may elect to add:</u></b>	
50.0500.75	Performing Arts and Entertainment Industry - Internship	
	<b>-or-</b>	
50.0500.80	Performing Arts and Entertainment Industry - Cooperative Education	

**48.0500.20 Automation/Robotics**

- 48.0500.10 Fundamentals of Precision Manufacturing  
*(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 48.0500. program, i.e. Precision Machining.)*
- or-**
- 48.0500.11 Fundamentals of Precision Manufacturing  
*(.11 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 48.0500.20 Automation/Robotics only.)*
- and-**
- 48.0500.12 Applications of Precision Manufacturing
- and-**
- 48.0500.20 Automation/Robotics
- And program may elect to add:**
- 48.0500.75 Precision Manufacturing - Internship
- or-**
- 48.0500.80 Precision Manufacturing - Cooperative Education

**47.0600.30 Automotive Collision Repair**

- 47.0600.10 Transportation Technologies Core Curriculum  
*(.10 CIP Code is used for the core curriculum course if the course is a shared core curriculum course for any other 47.0600. program, i.e. Automotive Technologies Aircraft Mechanics, and/or Diesel Engine Repair)*
- or-**
- 47.0600.12 Transportation Technologies Core Curriculum  
*(.12 CIP Code is used for the core curriculum course if the course is the core curriculum course for 47.0600.30 Automotive Collision Repair only.)*
- and-**
- 47.0600.30 Automotive Collision Repair I
- and-**
- 47.0600.35 Automotive Collision Repair II
- And program may elect to add:**
- 47.0600.75 Transportation Technologies - Internship
- or-**
- 47.0600.80 Transportation Technologies - Cooperative Education

**47.0600.20 Automotive Technologies**

- 47.0600.10 Transportation Technologies Core Curriculum  
*(.10 CIP Code is used for the core curriculum course if the course is a shared core curriculum course for any other 47.0600. program, i.e. Aircraft Mechanics, Automotive Collision Repair, and/or Diesel Engine Repair)*
- or-**
- 47.0600.11 Transportation Technologies Core Curriculum  
*(.11 CIP Code is used for the core curriculum course if the course is the core curriculum course for 47.0600.20 Automotive Technologies only.)*
- and-**
- 47.0600.20 Automotive Technologies I
- and-**
- 47.0600.25 Automotive Technologies II
- And program may elect to add:**
- 47.0600.75 Transportation Technologies - Internship
- or-**
- 47.0600.80 Transportation Technologies - Cooperative Education

**41.0100.00 Bioscience**

- 41.0100.10 Introduction to Bioscience
- and-**
- 41.0100.20 Bioscience Technologies
- And program may elect to add:**
- 41.0100.75 Bioscience- Internship
- or-**
- 41.0100.80 Bioscience- Cooperative Education

<b>52.0200.00</b>	<b>Business Management and Administrative Services</b>	
52.0200.10	Introduction to Business Management and Administrative Services	
	<b>-and-</b>	
52.0200.20	Basic Business Management and Administrative Services	
	<b><u>And program may elect to add:</u></b>	
52.0200.30	Advanced Business Management and Administrative Services	
	<b>-or-</b>	
52.0200.75	Business Management and Administrative Services - Internship	
	<b>-or-</b>	
52.0200.80	Business Management and Administrative Services - Cooperative Education	
<b>52.0400.00</b>	<b>Business Operations Support and Assistant Services</b>	
52.0400.10	Fundamentals of Business Operations Support and Assistant Services	
	<b>-and-</b>	
52.0400.20	Advanced Business Operations Support and Assistant Services	
	<b><u>And program may elect to add:</u></b>	
52.0400.75	Business Operations Support and Assistant Services- Internship	
	<b>-or-</b>	
52.0400.80	Business Operations Support and Assistant Services- Cooperative Education	
<b>46.0400.40</b>	<b>Cabinetmaking</b>	
46.0400.10	Construction Technologies Core Curriculum (.10 CIP Code is used for the core curriculum course if the course is a shared core curriculum course for any other 46.0400. program, i.e. Carpentry and/ or Advanced Construction.)	
	<b>-or-</b>	
46.0400.13	Construction Technologies Core Curriculum (.13 CIP Code is used for the core curriculum course if the course is the core curriculum course for 46.0400.40 Cabinetmaking only.)	
	<b>-and-</b>	
46.0400.40	Cabinetmaking	
	<b><u>And program may elect to add:</u></b>	
46.0400.75	Construction Technologies - Internship	
	<b>-or-</b>	
46.0400.80	Construction Technologies - Cooperative Education	
<b>46.0400.30</b>	<b>Carpentry</b>	
46.0400.10	Construction Technologies Core Curriculum (.10 CIP Code is used for the core curriculum course if the course is a shared core curriculum course for any other 46.0400. program, i.e. cabinetmaking and/ or Advanced Construction.)	
	<b>-or-</b>	
46.0400.12	Construction Technologies Core Curriculum (.12 CIP Code is used for the core curriculum course if the course is the core curriculum course for 46.0400.30 Carpentry only.)	
	<b>-and-</b>	
46.0400.30	Carpentry	
	<b><u>And program may elect to add:</u></b>	
46.0400.75	Construction Technologies - Internship	
	<b>-or-</b>	
46.0400.80	Construction Technologies - Cooperative Education	
<b>15.1200.20</b>	<b>Computer Maintenance</b>	
15.1200.10	Fundamentals of Information Technologies (.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 15.1200. program, i.e. Network Technologies, Software Development, and/or Web Page Development.)	
	<b>-or-</b>	
15.1200.11	Fundamentals of Information Technologies (.11 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 15.1200.20 Computer Maintenance only.)	

		<b>-and-</b>
	15.1200.20	Computer Maintenance
	15.1200.75	<b><u>And program may elect to add:</u></b> Information Technologies - Internship
	15.1200.80	<b>-or-</b> Information Technologies - Cooperative Education
<b>12.0400.00</b>	<b>Cosmetology</b>	
	12.0400.10	Fundamentals of Cosmetology
	12.0400.20	<b>-and-</b> Cosmetology - Advanced Applications
	12.0400.75	<b><u>And program may elect to add:</u></b> Cosmetology - Internship
	12.0400.80	<b>-or-</b> Cosmetology - Cooperative Education
<b>12.0500.00</b>	<b>Culinary Arts</b>	
	12.0500.10	Fundamentals of Culinary Arts
	12.0500.20	<b>-and-</b> Culinary Arts Applications
	12.0500.75	<b><u>And program may elect to add:</u></b> Culinary Arts - Internship
	12.0500.80	<b>-or-</b> Culinary Arts - Cooperative Education
<b>51.0600.00</b>	<b>Dental Assisting</b>	
	51.0600.10	Fundamentals of Dental Assisting
	51.0600.20	<b>-and-</b> Dental Assisting - Advanced Applications
	51.0600.75	<b><u>And program may elect to add:</u></b> Dental Assisting - Internship
	51.0600.80	<b>-or-</b> Dental Assisting - Cooperative Education
<b>47.0600.40</b>	<b>Diesel Engine Repair</b>	
	47.0600.10	Transportation Technologies Core Curriculum <i>(.10 CIP Code is used for the core curriculum course if the course is a shared core curriculum course for any other 47.0600. program, i.e. Aircraft Mechanics, Automotive Collision Repair, and/or Automotive Technologies)</i>
	47.0600.13	<b>-or-</b> Transportation Technologies Core Curriculum <i>(.13 CIP Code is used for the core curriculum course if the course is the core curriculum course for 47.0600.40 Diesel Engine Repair only.)</i>
	47.0600.40	<b>-and-</b> Diesel Engine Repair I
	47.0600.45	<b>-and-</b> Diesel Engine Repair II
	47.0600.75	<b><u>And program may elect to add:</u></b> Transportation Technologies - Internship
	47.0600.80	<b>-or-</b> Transportation Technologies - Cooperative Education
<b>10.0200.50</b>	<b>Digital Photography</b>	
	10.0200.10	Communication Media Technologies Fundamentals <i>(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 10.0200. program, i.e. Digital Print, Graphic/Web Design, Journalism, Animation, Film &amp;TV and/or Music/Audio Production.)</i>
	10.0200.14	<b>-or-</b> Communications Media Technologies Fundamentals <i>(.14 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 10.0200.50 Digital Photography only.)</i>
		<b>-and-</b>

10.0200.50	Digital Photography I
	<b>-and-</b>
10.0200.55	Digital Photography II
	<b>-or-</b>
10.0200.20	Digital Printing I
	<b>-or-</b>
10.0200.30	Graphics/Web Design I
	<b>-or-</b>
10.0200.40	Journalism I
	<b>-or-</b>
10.0200.60	Animation I
	<b>-or-</b>
10.0200.90	Film & TV 1
	<b>-or-</b>
10.0200.00	Music and Audio Production I
	<b><i>And program may elect to add:</i></b>
10.0200.75	Communication Media Technologies – Internship
	<b>-or-</b>
10.0200.80	Communication Media Technologies – Cooperative Education

**10.0200.20 Digital Printing**

10.0200.10	Communication Media Technologies Fundamentals <i>(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 10.0200. program, i.e. Animation, Graphic/Web Design, Journalism, Digital Photography, Film &amp;TV and/or Music/Audio Production.)</i>
	<b>-or-</b>
10.0200.11	Communications Media Technologies Fundamentals <i>(.11 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 10.0200.20 Digital Printing only.)</i>
	<b>-and-</b>
10.0200.20	Digital Printing I
	<b>-and-</b>
10.0200.25	Digital Printing II
	<b>-or-</b>
10.0200.30	Graphics/Web Design I
	<b>-or-</b>
10.0200.40	Journalism I
	<b>-or-</b>
10.0200.50	Digital Photography I
	<b>-or-</b>
10.0200.60	Animation I
	<b>-or-</b>
10.0200.90	Film & TV 1
	<b>-or-</b>
10.0200.00	Music and Audio Production I
	<b><i>And program may elect to add:</i></b>
10.0200.75	Communication Media Technologies – Internship
	<b>-or-</b>
10.0200.80	Communication Media Technologies – Cooperative Education

**13.1210.00 Early Childhood Education**

13.1210.10	Fundamentals of Early Childhood Education
	<b>-and-</b>
13.1210.20	Early Childhood Education Applications
	<b><i>And program may elect to add:</i></b>
13.1210.75	Early Childhood Education - Internship
	<b>-or-</b>
13.1210.80	Early Childhood Education - Cooperative Education

**13.1200.00 Education Professions**

- 13.1200.10 Education Professions Fundamentals
- and-
- 13.1200.20 Education Professions Applications
- And program may elect to add:**
- 13.1200.75 Education Professions - Internship
- or-
- 13.1200.80 Education Professions - Cooperative Education

**15.0300.00 Electronic Technologies**

- 15.0300.10 Electronic Technologies Core Curriculum
- and-
- 15.0300.20 Electricity Principles and Applications
- and-
- 15.0300.25 Electronic Principles and Applications
- And program may elect to add:**
- 15.0300.75 Electronic Technologies - Internship
- or-
- 15.0300.80 Electronic Technologies - Cooperative Education

**15.1300.30 Electronics Drafting**

- 15.1300.10 Fundamentals of Drafting and Design Technologies  
*(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 15.1300. program, i.e. Architectural Drafting, and/or Mechanical Drafting.)*
- or-
- 15.1300.12 Fundamentals of Drafting and Design Technologies  
*(.12 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 15.1300.30 Electronics Drafting only.)*
- and-
- 15.1300.30 Electronics Drafting
- And program may elect to add:**
- 15.1300.75 Drafting and Design Technologies - Internship
- or-
- 15.1300.80 Drafting and Design Technologies - Cooperative Education

**51.0900.30 Emergency Medical Services**

- 51.0900.30 Fundamentals of Emergency Medical Services
- and-
- 51.0900.35 Emergency Medical Services - Advanced Applications
- And program may elect to add:**
- 51.0900.75 Diagnostic and Intervention Technologies - Internship
- or-
- 51.0900.80 Diagnostic and Intervention Technologies - Cooperative Education

**15.0000.00 Engineering Sciences**

- 15.0000.10 Fundamentals to Explore Engineering Sciences
- or-
- 15.0000.11 Algebra II or above Math Course (course may be taken simultaneously with 15.0000.20)
- and-
- 15.0000.20 Applications of Problem Solving in Engineering Sciences
- and-
- 15.0000.30 Advanced Engineering Sciences
- And program may elect to add:**
- 15.0000.75 Engineering Sciences - Internship
- or-
- 15.0000.80 Engineering Sciences - Cooperative Education

**52.1800.40 Entertainment Marketing**

- 52.1800.10 Fundamentals of Marketing, Management and Entrepreneurship  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 52.1800. program, i.e. Professional Sales and Marketing, Advertising and Public Relations and/or Entrepreneurship.)  
**-or-**
- 52.1800.13 Fundamentals of Marketing, Management and Entrepreneurship  
(.13 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 52.1800.40 Entertainment Marketing only.)  
**-and-**
- 52.1800.40 Entertainment Marketing  
**And program may elect to add:**
- 52.1800.75 Marketing, Management and Entrepreneurship Internship  
**-or-**
- 52.1800.80 Marketing, Management and Entrepreneurship Cooperative Education

**52.1800.50 Entrepreneurship**

- 52.1800.10 Fundamentals of Marketing, Management and Entrepreneurship  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 52.1800. program, i.e. Professional Sales and Marketing, Advertising and Public Relations and/or Entertainment Marketing.)  
**-or-**
- 52.1800.14 Fundamentals of Marketing, Management and Entrepreneurship  
(.14 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 52.1800.50 Entrepreneurship only.)  
**-and-**
- 52.1800.50 Entrepreneurship  
**And program may elect to add:**
- 52.1800.75 Marketing, Management and Entrepreneurship Internship  
**-or-**
- 52.1800.80 Marketing, Management and Entrepreneurship Cooperative Education

**01.0100.00 Environmental Service Systems**

- 01.0100.10 Agriculture Business Management - Introduction to Applied Biological Systems  
**-and-**
- 01.0100.12 Agricultural Business Management - Applied Biological Systems  
**-and-**
- 01.0100.14 Agricultural Business Management - Agriscience  
**-and-**
- 01.0100.00 Environmental Service Systems  
**And program may elect to add:**
- 01.0100.75 Agricultural Business Management - Agriscience - Internship  
**-or-**
- 01.0100.80 Agricultural Business Management - Agriscience - Cooperative Education

**52.1900.20 Fashion Design and Merchandising**

- 52.1900.10 Fundamentals of Design and Merchandising  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 52.1900. program, i.e. Interior Design and Merchandising.)  
**-or-**
- 52.1900.11 Fundamentals of Design and Merchandising  
(.11 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 52.1900.20 Fashion Design and Merchandising only.)  
**-and-**
- 52.1900.20 Fashion Design and Merchandising Applications  
**And program may elect to add:**
- 52.1900.75 Design and Merchandising - Internship  
**-or-**
- 52.1900.80 Design and Merchandising - Cooperative Education

<b>10.0200.90</b>	<b>Film &amp; TV</b>	
10.0200.10	Communication Media Technologies Fundamentals <i>(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 10.0200. program, i.e. Digital Print, Graphic/Web Design, Journalism, Digital Photography, Animation and/or Music/Audio Production.)</i>	
	<b>-or-</b>	
10.0200.16	Communications Media Technologies Fundamentals <i>(.16 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 10.0200.90 Film &amp; TV only.)</i>	
	<b>-and-</b>	
10.0200.90	Film & TV I	
	<b>-and-</b>	
10.0200.95	Film & TV II	
	<b>-or-</b>	
10.0200.20	Digital Printing I	
	<b>-or-</b>	
10.0200.30	Graphics/Web Design I	
	<b>-or-</b>	
10.0200.40	Journalism I	
	<b>-or-</b>	
10.0200.50	Digital Photography I	
	<b>-or-</b>	
10.0200.60	Animation I	
	<b>-or-</b>	
10.0200.00	Music and Audio Production I	
	<b><u>And program may elect to add:</u></b>	
10.0200.75	Communication Media Technologies – Internship	
	<b>-or-</b>	
10.0200.80	Communication Media Technologies – Cooperative Education	
<b>52.0800.00</b>	<b>Financial Services</b>	
52.0800.10	Introduction to Business and Financial Services	
	<b>-and-</b>	
52.0800.20	Basic Financial Services	
	<b>-and-</b>	
	<b><u>And program may elect to add:</u></b>	
52.0800.30	Advanced Financial Services	
	<b>-or-</b>	
52.0800.75	Financial Services - Internship	
	<b>-or-</b>	
52.0800.80	Financial Services - Cooperative Education	
<b>43.0200.00</b>	<b>Fire Service</b>	
43.0200.10	Fundamentals of Fire Service	
	<b>-and-</b>	
43.0200.20	Fire Service - Advanced Applications	
	<b><u>And program may elect to add:</u></b>	
43.0200.75	Fire Service- Internship	
	<b>-or-</b>	
43.0200.80	Fire Service- Cooperative Education	
<b>01.0100.20</b>	<b>Food Products and Processing Systems</b>	
01.0100.10	Agriculture Business Management - Introduction to Applied Biological Systems	
	<b>-and-</b>	
01.0100.12	Agricultural Business Management - Applied Biological Systems	
	<b>-and-</b>	
01.0100.14	Agricultural Business Management - Agriscience	
	<b>-and-</b>	
01.0100.20	Food Products and Processing Systems	
	<b><u>And program may elect to add:</u></b>	

	01.0100.75	Agricultural Business Management - Agriscience - Internship
		<b>-or-</b>
	01.0100.80	Agricultural Business Management - Agriscience - Cooperative Education
<b>10.0200.30</b>	<b>Graphic/Web Design</b>	
	10.0200.10	Communication Media Technologies Fundamentals (.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 10.0200. program, i.e. Digital Print, Animation, Journalism, Digital Photography, Film &TV and/or Music/Audio Production.)
		<b>-or-</b>
	10.0200.12	Communications Media Technologies Fundamentals (.12 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 10.0200.30 Graphic/Web Design only.)
		<b>-and-</b>
	10.0200.30	Graphic/Web Design I
		<b>-and-</b>
	10.0200.35	Graphic/Web Design II
		<b>-or-</b>
	10.0200.20	Digital Printing I
		<b>-or-</b>
	10.0200.40	Journalism I
		<b>-or-</b>
	10.0200.50	Digital Photography I
		<b>-or-</b>
	10.0200.60	Animation I
		<b>-or-</b>
	10.0200.90	Film & TV 1
		<b>-or-</b>
	10.0200.00	Music and Audio Production I
		<b><u>And program may elect to add:</u></b>
	10.0200.75	Communication Media Technologies – Internship
		<b>-or-</b>
	10.0200.80	Communication Media Technologies – Cooperative Education
<b>47.0200.00</b>	<b>Heating, Ventilation and Air Conditioning</b>	
	47.0200.10	Heating, Ventilation and Air Conditioning I
		<b>-and-</b>
	47.0200.20	Heating, Ventilation and Air Conditioning II
		<b><u>And program may elect to add:</u></b>
	47.0200.75	Heating, Ventilation and Air Conditioning - Internship
		<b>-or-</b>
	47.0200.80	Heating, Ventilation and Air Conditioning - Cooperative Education
<b>49.0200.00</b>	<b>Heavy Equipment Operations</b>	
	49.0200.10	Heavy Equipment Operations I
		<b>-and-</b>
	49.0200.20	Heavy Equipment Operations II
		<b><u>And program may elect to add:</u></b>
	49.0200.75	Heavy Equipment Operations - Internship
		<b>-or-</b>
	49.0200.80	Heavy Equipment Operations - Cooperative Education
<b>47.0300.00</b>	<b>Heavy/Industrial Equipment Maintenance Technologies</b>	
	47.0300.10	Heavy/Industrial Equipment Maintenance Tech Core Curriculum
		<b>-and-</b>
	47.0300.20	Heavy/Industrial Equipment Maintenance Tech I
		<b>-and-</b>
	47.0300.25	Heavy/Industrial Equipment Maintenance Tech II
		<b><u>And program may elect to add:</u></b>
	47.0300.75	Heavy/Industrial Equipment Maintenance Tech - Internship
		<b>-or-</b>

47.0300.80 Heavy/Industrial Equipment Maintenance Tech - Cooperative Education

**52.0900.00 Hospitality Management**

52.0900.10 Fundamentals of Hospitality Management

**-and-**

52.0900.20 Hospitality Management Applications

**And program may elect to add:**

52.0900.75 Hospitality Management - Internship

**-or-**

52.0900.80 Hospitality Management - Cooperative Education

**46.0300.30 Industrial Electrician**

46.0300.10 Fundamentals of Electrical and Power Transmission Technologies  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 46.0300. program, i.e. Residential Electrician.)

**-or-**

46.0300.12 Fundamentals of Electrical and Power Transmission Technologies  
(.12 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 46.0300.30 Industrial Electrician only.)

**-and-**

46.0300.30 Industrial Electrician

**And program may elect to add:**

46.0300.75 Electrical and Power Transmission Technologies Internship

**-or-**

46.0300.80 Electrical and Power Transmission Technologies - Cooperative Education

**52.1900.30 Interior Design and Merchandising**

52.1900.10 Fundamentals of Design and Merchandising  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 52.1900. program, i.e. Fashion Design and Merchandising.)

**-or-**

52.1900.12 Fundamentals of Design and Merchandising  
(.12 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 52.1900.30 Interior Design and Merchandising only.)

**-and-**

52.1900.30 Interior Design and Merchandising Applications

**And program may elect to add:**

52.1900.75 Design and Merchandising - Internship

**-or-**

52.1900.80 Design and Merchandising - Cooperative Education

**10.0200.40 Journalism**

10.0200.10 Communication Media Technologies Fundamentals  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 10.0200. program, i.e. Digital Print, Graphic/Web Design, Animation, Digital Photography, Film &TV and/or Music/Audio Production.)

**-or-**

10.0200.13 Communications Media Technologies Fundamentals  
(.13 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 10.0200.40 Journalism only.)

**-and-**

10.0200.40 Journalism I

**-and-**

10.0200.45 Journalism II

**-or-**

10.0200.20 Digital Printing I

**-or-**

10.0200.30 Graphics/Web Design I

**-or-**

10.0200.50 Digital Photography I

**-or-**

- 10.0200.60 Animation I
- or-
- 10.0200.90 Film & TV 1
- or-
- 10.0200.00 Music and Audio Production I
- And program may elect to add:**
- 10.0200.75 Communication Media Technologies – Internship
- or-
- 10.0200.80 Communication Media Technologies – Cooperative Education

**51.0800.30 Laboratory Assisting**

- 51.0800.10 Fundamentals of Allied Health  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 51.0800. program, i.e. Pharmacy Support Services, Medical Imaging Support Services, Sports Medicine and Rehabilitation Services and/or Medical Assisting Services.)
- or-
- 51.0800.12 Fundamentals of Allied Health  
(.12 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 51.0800.30 Laboratory Assisting only.)
- and-
- 51.0800.30 Laboratory Assisting
- And program may elect to add:**
- 51.0800.75 Allied Health - Internship
- or-
- 51.0800.80 Allied Health - Cooperative Education

**43.0100.00 Law, Public Safety and Security**

- 43.0100.10 Fundamentals of Law, Public Safety and Security
- and-
- 43.0100.20 Law, Public Safety and Security - Advanced Applications
- And program may elect to add:**
- 43.0100.75 Law, Public Safety and Security - Internship
- or-
- 43.0100.80 Law, Public Safety and Security - Cooperative Education

**15.1300.40 Mechanical Drafting**

- 15.1300.10 Fundamentals of Drafting and Design Technologies  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 15.1300. program, i.e. Electronics Drafting, and/or Architectural Drafting.)
- or-
- 15.1300.13 Fundamentals of Drafting and Design Technologies  
(.13 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 15.1300.40 Mechanical Drafting only.)
- and-
- 15.1300.40 Mechanical Drafting
- And program may elect to add:**
- 15.1300.75 Drafting and Design Technologies - Internship
- or-
- 15.1300.80 Drafting and Design Technologies - Cooperative Education

**51.0800.60 Medical Assisting Services**

- 51.0800.10 Fundamentals of Allied Health  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 51.0800. program, i.e. Laboratory Assisting, Medical Imaging Support Services, Sports Medicine and Rehabilitation Services and/or Pharmacy Support Services.)
- or-
- 51.0800.15 Fundamentals of Allied Health  
(.15 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 51.0800.60 Medical Assisting Services only.)
- and-

- 51.0800.60 Medical Assisting Services  
**And program may elect to add:**
- 51.0800.75 Allied Health - Internship
- or-
- 51.0800.80 Allied Health - Cooperative Education

**51.0800.40 Medical Imaging Support Services**

- 51.0800.10 Fundamentals of Allied Health  
*(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 51.0800. program, i.e. Laboratory Assisting, Pharmacy Support Services, Sports Medicine and Rehabilitation Services and/or Medical Assisting Services.)*
- or-
- 51.0800.13 Fundamentals of Allied Health  
*(.13 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 51.0800.40 Medical Imaging Support Services only.)*
- and-
- 51.0800.40 Medical Imaging Support Services  
**And program may elect to add:**
- 51.0800.75 Allied Health - Internship
- or-
- 51.0800.80 Allied Health - Cooperative Education

**51.1500.00 Mental and Social Health Services**

- 51.1500.10 Fundamentals of Mental and Social Health Services
- and-
- 51.1500.20 Mental and Social Health Services - Advanced Applications  
**And program may elect to add:**
- 51.1500.75 Mental and Social Health Services - Internship
- or-
- 51.1500.80 Mental and Social Health Services - Cooperative Education

**10.0200.00 Music/Audio Production**

- 10.0200.10 Communication Media Technologies Fundamentals  
*(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 10.0200. program, i.e. Digital Print, Graphic/Web Design, Journalism, Digital Photography, Film &TV and/or Animation.)*
- or-
- 10.0200.17 Communications Media Technologies Fundamentals  
*(.17 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 10.0200.00 Music/Audio Production only.)*
- and-
- 10.0200.00 Music/Audio Production I
- and-
- 10.0200.05 Music/Audio Production II
- or-
- 10.0200.20 Digital Printing I
- or-
- 10.0200.30 Graphics/Web Design I
- or-
- 10.0200.40 Journalism I
- or-
- 10.0200.50 Digital Photography I
- or-
- 10.0200.60 Animation I
- or-
- 10.0200.90 Film & TV I  
**And program may elect to add:**
- 10.0200.75 Communication Media Technologies – Internship
- or-
- 10.0200.80 Communication Media Technologies – Cooperative Education

- 01.0100.50 Natural Renewable Resources Systems**
- 01.0100.10 Agriculture Business Management - Introduction to Applied Biological Systems
  - and-**
  - 01.0100.12 Agricultural Business Management - Applied Biological Systems
  - and-**
  - 01.0100.14 Agricultural Business Management - Agriscience
  - and-**
  - 01.0100.50 Natural Renewable Resources Systems
  - And program may elect to add:**
  - 01.0100.75 Agricultural Business Management - Agriscience - Internship
  - or-**
  - 01.0100.80 Agricultural Business Management - Agriscience - Cooperative Education

- 15.1200.30 Network Technologies**
- 15.1200.10 Fundamentals of Information Technologies  
*(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 15.1200. program, i.e. Computer Maintenance, Software Development, and/or Web Page Development.)*
  - or-**
  - 15.1200.12 Fundamentals of Information Technologies  
*(.12 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 15.1200.30 Network Technologies only.)*
  - and-**
  - 15.1200.30 Network Technologies
  - And program may elect to add:**
  - 15.1200.75 Information Technologies - Internship
  - or-**
  - 15.1200.80 Information Technologies - Cooperative Education

- 51.3900.00 Nursing Services**
- 51.3900.10 Fundamentals of Nursing Services
  - and-**
  - 51.3900.20 Nursing Services - Advanced Applications
  - And program may elect to add:**
  - 51.3900.75 Nursing Services - Internship
  - or-**
  - 51.3900.80 Nursing Services - Cooperative Education

- 51.0800.20 Pharmacy Support Services**
- 51.0800.10 Fundamentals of Allied Health  
*(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 51.0800. program, i.e. Laboratory Assisting, Medical Imaging Support Services, Sports Medicine and Rehabilitation Services and/or Medical Assisting Services.)*
  - or-**
  - 51.0800.11 Fundamentals of Allied Health  
*(.11 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 51.0800.20 Pharmacy Support Services only.)*
  - and-**
  - 51.0800.20 Pharmacy Support Services
  - And program may elect to add:**
  - 51.0800.75 Allied Health - Internship
  - or-**
  - 51.0800.80 Allied Health - Cooperative Education

- 01.0100.30 Plant Systems**
- 01.0100.10 Agriculture Business Management - Introduction to Applied Biological Systems
  - and-**
  - 01.0100.12 Agricultural Business Management - Applied Biological Systems

- and-
- 01.0100.14 Agricultural Business Management - Agriscience
- and-
- 01.0100.30 Plant Systems
- And program may elect to add:**
- 01.0100.75 Agricultural Business Management - Agriscience - Internship
- or-
- 01.0100.80 Agricultural Business Management - Agriscience - Cooperative Education

**01.0100.60 Power, Structural and Technical Systems**

- 01.0100.10 Agriculture Business Management - Introduction to Applied Biological Systems
- and-
- 01.0100.12 Agricultural Business Management - Applied Biological Systems
- and-
- 01.0100.14 Agricultural Business Management - Agriscience
- and-
- 01.0100.60 Power, Structural and Technical Systems
- And program may elect to add:**
- 01.0100.75 Agricultural Business Management - Agriscience - Internship
- or-
- 01.0100.80 Agricultural Business Management - Agriscience - Cooperative Education

**48.0500.30 Precision Machining**

- 48.0500.10 Fundamentals of Precision Manufacturing  
*(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 48.0500. program, i.e. Automation/Robotics.)*
- or-
- 48.0500.13 Fundamentals of Precision Manufacturing  
*(.13 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 48.0500.30 Precision Machining only.)*
- and-
- 48.0500.12 Applications of Precision Manufacturing
- and-
- 48.0500.30 Precision Machining
- And program may elect to add:**
- 48.0500.75 Precision Manufacturing - Internship
- or-
- 48.0500.80 Precision Manufacturing - Cooperative Education

**52.1800.20 Professional Sales and Marketing**

- 52.1800.10 Fundamentals of Marketing, Management and Entrepreneurship  
*(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 52.1800. program, i.e. Entrepreneurship, Advertising and Public Relations and/or Entertainment Marketing.)*
- or-
- 52.1800.11 Fundamentals of Marketing, Management and Entrepreneurship  
*(.11 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 52.1800.50 Professional Sales and Marketing only.)*
- and-
- 52.1800.20 Professional Sales and Marketing
- And program may elect to add:**
- 52.1800.75 Marketing, Management and Entrepreneurship Internship
- or-
- 52.1800.80 Marketing, Management and Entrepreneurship Cooperative Education

**46.0300.20 Residential Electrician**

- 46.0300.10 Fundamentals of Electrical and Power Transmission Technologies  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 46.0300. program, i.e. Industrial Electrician.)  
**-or-**
- 46.0300.11 Fundamentals of Electrical and Power Transmission Technologies  
(.11 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 46.0300.20 Residential Electrician only.)  
**-and-**
- 46.0300.20 Residential Electrician  
**And program may elect to add:**
- 46.0300.75 Electrical and Power Transmission Technologies Internship  
**-or-**
- 46.0300.80 Electrical and Power Transmission Technologies - Cooperative Education

**51.0900.20 Respiratory Therapy Technician**

- 51.0900.20 Fundamentals of Respiratory Therapy Technician  
**-and-**
- 51.0900.25 Respiratory Therapy Technician - Advanced Applications  
**And program may elect to add:**
- 51.0900.75 Diagnostic and Intervention Technologies - Internship  
**-or-**
- 51.0900.80 Diagnostic and Intervention Technologies - Cooperative Education

**15.1200.40 Software Development**

- 15.1200.10 Fundamentals of Information Technologies  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 15.1200. program, i.e. Network Technologies, Web Page Development, and/or Computer Maintenance.)  
**-or-**
- 15.1200.13 Fundamentals of Information Technologies  
(.13 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 15.1200.40 Software Development only.)  
**-and-**
- 15.1200.40 Software Development  
**And program may elect to add:**
- 15.1200.75 Information Technologies - Internship  
**-or-**
- 15.1200.80 Information Technologies - Cooperative Education

**51.0800.50 Sports Medicine and Rehabilitation Services**

- 51.0800.10 Fundamentals of Allied Health  
(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 51.0800. program, i.e. Laboratory Assisting, Medical Imaging Support Services, Pharmacy Support Services, and/or Medical Assisting Services.)  
**-or-**
- 51.0800.14 Fundamentals of Allied Health  
(.13 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 51.0800.50 Sports Medicine and Rehabilitation Services only.)  
**-and-**
- 51.0800.50 Sports Medicine and Rehabilitation Services  
**-or-**
- 51.0800.75 Allied Health - Internship  
**And program may elect to add:**
- 51.0800.80 Allied Health - Cooperative Education

**51.0900.40 Surgical Technician**

- 51.0900.40 Fundamentals of Surgical Technician  
**-and-**
- 51.0900.45 Surgical Technician - Advanced Applications

		<b><u>And program may elect to add:</u></b>
51.0900.75		Diagnostic and Intervention Technologies - Internship
		<b>-or-</b>
51.0900.80		Diagnostic and Intervention Technologies - Cooperative Education
<b>50.0500.20</b>	<b>Technical Theatre</b>	
50.0500.20		Fundamentals of Performing Arts and Entertainment Industry - Technical Theatre
		<b>-and-</b>
50.0500.25		Performing Arts and Entertainment Industry - Technical Theatre I
		<b><u>And program may elect to add:</u></b>
50.0500.26		Performing Arts and Entertainment Industry - Technical Theater II
		<b>-or-</b>
		<b><u>And program may elect to add:</u></b>
50.0500.75		Performing Arts and Entertainment Industry - Internship
		<b>-or-</b>
50.0500.80		Performing Arts and Entertainment Industry - Cooperative Education
<b>51.3500.00</b>	<b>Therapeutic Massage</b>	
51.3500.10		Fundamentals of Therapeutic Massage
		<b>-and-</b>
51.3500.20		Therapeutic Massage - Advanced Applications
		<b><u>And program may elect to add:</u></b>
51.3500.75		Therapeutic Massage - Internship
		<b>-or-</b>
51.3500.80		Therapeutic Massage - Cooperative Education
<b>15.1200.50</b>	<b>Web Page Development</b>	
15.1200.10		Fundamentals of Information Technologies <i>(.10 CIP Code is used for the Fundamentals course if the course is a shared Fundamentals course for any other 15.1200. program, i.e. Network Technologies, Software Development, and/or Computer Maintenance.)</i>
		<b>-or-</b>
15.1200.14		Fundamentals of Information Technologies <i>(.14 CIP Code is used for the Fundamentals course if the course is the Fundamentals course for 15.1200.50 Web Page Development only.)</i>
		<b>-and-</b>
15.1200.50		Web Page Development
		<b><u>And program may elect to add:</u></b>
15.1200.75		Information Technologies - Internship
		<b>-or-</b>
15.1200.80		Information Technologies - Cooperative Education
<b>48.0508.00</b>	<b>Welding Technologies</b>	
48.0508.10		Welding Technologies Core Curriculum
		<b>-and-</b>
48.0508.20		Welding Technologies
		<b><u>And program may elect to add:</u></b>
48.0508.75		Welding Technologies - Internship
		<b>-or-</b>
48.0508.80		Welding Technologies - Cooperative Education

## Local CTE Program Codes and Titles

Programs from this point forward meet local occupational need. Districts must show local need, outcomes, and approved program elements by submitting a "Proposed Occupational Program Request" form. Request form is located at:  
<http://www.azed.gov/career-technical-education/form>

### 28.0101.00 Airforce JROTC

- 28.0101.10 Airforce JROTC I
- and-
- 28.0101.20 Airforce JROTC II
- And program may elect to add:**
- 28.0101.75 Airforce JROTC - Internship
- or-
- 28.0101.80 Airforce JROTC - Cooperative Education

### 28.0301.00 Army JROTC

- 28.0301.10 Army JROTC I
- and-
- 28.0301.20 Army JROTC II
- And program may elect to add:**
- 28.0301.75 Army JROTC - Internship
- or-
- 28.0301.80 Army JROTC - Cooperative Education

### 28.0401.00 Navy/Marine Corp JROTC

- 28.0401.10 Navy/Marine Corp JROTC I
- and-
- 28.0401.20 Navy/Marine Corp JROTC II
- And program may elect to add:**
- 28.0401.75 Navy/Marine Corp JROTC - Internship
- or-
- 28.0401.80 Navy/Marine Corp JROTC - Cooperative Education

### 15.0506.00 Environmental Control Technologies Water Operator

- 15.0506.10 Environmental Control Technologies Water Operator I
- and-
- 15.0506.20 Environmental Control Technologies Water Operator II
- And program may elect to add:**
- 15.0506.75 Environmental Control Technologies Water Operator - Internship
- or-
- 15.0506.80 Environmental Control Technologies Water Operator - Cooperative Education

### 51.0808.00 Veterinary/Animal Health Technician/Veterinary Assistant

- 51.0808.10 Veterinary/Animal Health Technician/Veterinary Assistant I
- and-
- 51.0808.20 Veterinary/Animal Health Technician/Veterinary Assistant II
- And program may elect to add:**
- 51.0808.75 Veterinary/Animal Health Technician/Veterinary Assistant - Internship
- or-
- 51.0808.80 Veterinary/Animal Health Technician/Veterinary Assistant - Cooperative Education