New CTE Program Structure for SY 2024-25

ISBE will be implementing a new program structure to allow for a greater increase in flexibility for districts and students in creating, implementing, and completing a Career and Technical Education (CTE) program. Please note that CTE system directors will not be required to make changes in Classification of Instructional Program (CIP) and course assignments in the Illinois State Course System. The definition of a concentrator is any student who successfully completes two courses within a program in course groups 2-5*, which will be composed of multiple CIPs or programs of study. The school year 2024-25 program matrices will now align to the new program structure. Please visit the ISBE Programs of Study webpage to review the 19 programs and matrices.

The new program structure:

Leads to greater flexibility for districts offering programs that align to local industry needs.

Allows students to be recognized as concentrators while pursuing their interests within a career field.

Students become concentrators by completing two courses in groups 2-5 within a program.

No changes are required to assignments in the Illinois State Course System.

Each matrix is now composed of a single program.

Cluster	New Program Title	CIPs Included
Agriculture, Food, and Natural Resources	Agriculture and Environmental Systems	**Agribusiness Systems** (01.0101); **Animal Systems** (01.0901); **Biotechnology Systems** (01.0000); **Environmental Service Systems** (15.0507); **Food Products and Processing Systems** (01.0401); **Natural Resource Systems** (03.0101); **Plant Systems** (01.0601); and **Power, Structural and Technical Systems** (01.0201)
Arts, Audio/Video Technology and Communications	Arts and Communication	**Graphic Communications** (10.0301); **Radio and Television Broadcasting Technology/ Technician** (10.0202); **Commercial Photography** (50.0406); and **Journalism** (09.0401)
Business Management and Administration	Business Systems	**Business Management & Administration** (52.0201); **Entrepreneurship/ Entrepreneurial Studies** (52.0701); **Human Resources Management/Personnel Administration** (52.1001); and **Administrative Assistant and Secretarial Science** (52.0401)
Finance	Finance Systems	**Finance** (52. 0801) and **Accounting** (52.0301)
Marketing	Marketing	**Marketing** (52.1401) and **Real Estate** (52.1501)
Hospitality and Tourism	Tourism Management	**Tourism and Travel Services Management** (52.0903); **Hotel/Motel Management** (52.0904); and **Parks, Recreation and Leisure Facilities Management** (31.0301)
	Culinary Arts	**Cooking and Related Culinary Arts** (12.0500)
Education and Training	Education Professions	**Education, General** (13.0101) and **Early Childhood Education and Training** (13.1210)
Human Services	Family and Human Services	**Work and Family Studies** (19.1001); **Adult Development and Aging** (19.0702); **Child Care Provider** (19.0709); **Social Work** (44.0701); **Foods, Nutrition, and Wellness Studies** (19.0501); **Housing and Human Environments** (19.0601); and **Apparel and Textile** (19.0901)
	Personal Services	**Cosmetology/Cosmetologist, General** (12.0401); **Barbering/Barber** (12.0402); and **Nail Technician/ Specialist and Manicurist** (12.0410)
Law, Public Safety, Corrections and Security	Law and Public Safety	**Criminal Justice/Police Science** (43.0107); **Fire Science/Firefighting** (43.0203); and **Security and Loss Prevention Services** (43.0109)
	Legal Professions	**Legal Assistant/ Paralegal** (22.0302) and Court **Reporting and Captioning/Court Reporter (**22.0303)
Government and Public Administration	Military and Public Service	**Air Force JROTC/ROTC** (28.0101); **Army JROTC/ROTC** (28.0301); **Navy/Marine Corps JROTC/ROTC** (28.0401); and **Public Administration** (44.0401)
Health Sciences	Health Professions	**Health Services/Allied Health/ Health Sciences** (51.0000); **Dental Assisting/Assistant** (51.0601); **Health Unit Coordinator/Ward Clerk** (51.0703); **Medical Insurance Coding Specialist/Coder** (51.0713); **Medical/Clinical Assistant** (51.0801); **Pharmacy Technician** (51.0805); **Electro-Cardiograph Technology/Technician** (51.0902); **Emergency Medical Technology/Technician (EMT)** (51.0904); **Athletic Training/Trainer** (51.0913); **Physical Therapy Technician/Aide** (51.2605); **Clinical/Medical Laboratory Technician** (51.1004); **Phlebotomy Technician/ Phlebotomist** (51.1009); **Community Health Worker** (51.1504); and **Nursing Assistant/Aide And Patient Care Assistant/Aide** (51.3902)

Cluster	New Program Title	CIPs Included
Information Technology	Computer and Information Sciences	**Computer Programming/ Programmer, General** (11.0201); **Computer Science** (11.0701); **Web Page, Digital/ Multimedia, and Information Resources Design (**11.0801); **Computer Networking (**11.0901); and **Computer Installation and Repair Technology/ Technician (**47.0104)
Architecture and Construction	Construction and Design	**Drafting and Design Technology/Technician, General** (15.1301); **Construction Trades, General** (46.0000); **Electrician** (46.0302); **Building/Property Maintenance** (46.0401); **Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician** (47.0201); and **Heavy Equipment Technology/ Technician** (47.0302)
Manufacturing	Manufacturing Systems	**Industrial Electronics Technology/Technician** (47.0105); **Machine Tool Technology/ Machinist** (48.0501); **Sheet Metal Technology/Sheet-working (**48.0506); **Welding Technology/ Welder** (48.0508); **Cabinetmaking and Millwork** (48.0703)
Science, Technology, Engineering, and Math (STEM); and Energy	Engineering and Energy Systems	**Engineering Technology, General (**15.0000); **Energy Systems Technology/Technician** (15.1701); **Solar Energy Technology/Technician** (15.1703); **Wind Energy Technology/Technician** (15.1704)
Transportation, Distribution, and Logistics (TDL)	Transportation And Distribution	**Parts and Warehousing Operations and Maintenance Technician** (47.0409); **Auto-body/Collision and Repair Technology/Technician** (47.0603); **Automobile/Automotive Mechanics Technology/Technician** (47.0604); **Aircraft Power-plant Technology/Technician (**47.0608); **Airline / Commercial / Professional Pilot and Flight Crew** (49.0102); **Truck and Bus Driver/Commercial Vehicle Operator and Instructor** (49.0205); and **Forklift Operation/Operator (**49.0209)

*Course group definitions can be found below, and course groups are identified in the program matrices.

Orientation Courses (Group 1)

Orientation Courses are intended to focus on developing stronger career awareness and career exploration either broadly or in specific endorsement areas. These courses can include some basic skills in the career path and the Cross-Sector Essential Employability Competencies in the Recommended Technical and Essential Employability Competencies. These courses are typically offered in middle school or 9th-10th grades.

Introductory Courses (Group 2)

Introductory Courses are intended to expand on career exploration in the learner's chosen career path and introduce basic skills and terminology required for the career field. Courses should also include the related competencies in the Recommended Technical and Essential Employability Competencies. These courses are typically offered in 9th-11th grades.

Skills Courses (Group 3)

Skills Courses are intended for an in-depth study of the fundamental skills required for a learner's chosen career path. These courses are typically offered in 10th-12th grades to students who have completed a related Orientation Course or Introductory Course.

Advanced Courses (Group 4)

Advanced Courses are intended to allow learners completing a program to further study and/or specialize in their chosen career path. These courses are typically offered in 11th and 12th grades to students who have completed a related Skills Course.

Workplace Experience Courses (Group 5):

Workplace Experience Courses should align to the expectations of a Career Development Experience as defined by the Postsecondary and Workforce Readiness Act. These courses help students meet the criteria for College and Career Readiness Indicators, which are data points that help determine a student's progress and identify adjustments needed toward postsecondary and/or career success.

Required Components of a Quality Workplace Experience Courses
- A practicum component with direct or simulated workplace experience that is aligned to each student's individualized program of study and designed to meet their specific career goals.
- Direct instruction by an approved educator-coordinator on essential and technical employability skills in a virtual or classroom setting.
- Compensation via pay and/or academic credit to the student for their work.
- An individual student plan.
- A Professional Skills Assessment.

Types of workplace experiences include:
- Student-Led Enterprises
- School-Based Enterprises
- Immersion Supervised Agricultural Experiences (SAE)
- Clinical Experiences in Health Science and Technology Programs
- Internships
- Apprenticeship Programs, including Youth Apprenticeships, Pre-Apprenticeships, and Registered Apprenticeships

 Note: A work-based learning opportunity also can be offered in groups 2-4 as long as it meets all of the requirements outlined in pp. 24-27 in the Work-Based Learning Manual. CTE system directors must enter this assignment in the Illinois State Course System for this to be counted toward work-based learning data indicators.