



Agricultural Education

Business, Marketing, and Computer Education

Sciences

Family and Consumer Sciences

PRECISION PRODUCTION TRADES
MACHINE TECHNOLOGY
WELDING
SHEET METAL WORKING
CABINET MAKING & MILLWORKING

MANUFACTURING PRODUCTION PROCESS DEVELOPMENT

LASER & OPTICAL TECHNOLOGY
INSTRUMENTATION TECHNOLOGY
CHEMICAL TECHNOLOGY
CLOTHING & TEXTILES

MAINTENANCE, INSTALLATION, & REPAIR

PLASTICS TECHNOLOGY
ELECTRICAL EQUIPMENT INSTALLATION & REPAIR
TELECOMMUNICATIONS TECHNOLOGY
COMPUTER HARDWARE TECHNOLOGY

QUALITY ASSURANCE

QUALITY CONTROL TECHNOLOGY
QUALITY CONTROL & SAFETY TECHNOLOGY

Bridge Program

Manufacturing

PROGRAMS OF STUDY

How to Read the Career Cluster Fan

This brochure depicts the **Illinois career cluster graphic**, commonly called a “fan”, which shows the relationship between a secondary career and technical education (CTE) area in Illinois, a career cluster, associated career pathways, and a sample of career and program options within each pathway. **Career exploration and development** is integrated throughout all levels of the Illinois’ Career Cluster model.

The fan also shows entry points for adults, including **bridge programs** that integrate occupational cluster level knowledge and skills into adult education and developmental education course content. Bridge programs are designed to prepare students to transition to postsecondary credit instruction in a career pathway. The fan also illustrates the transition process by which students gain access to sequences of courses, taken at multiple levels that lead to certificate and degree attainment and employment.

Sections of the fan blur into one another to indicate the importance of **student transition** without difficulty from the cluster to the pathway, to the career option or Programs of Study level. Secondary students can access postsecondary level coursework through dual credit. Also noteworthy, the arrow labeled **Programs of Study** extends beyond the border of the fan, denoting that education and career development continue throughout an individual’s lifespan. The Programs of Study arrow also illustrates that individuals can earn **education credentials** beyond the associate and baccalaureate degree levels.

Note that the career pathways and career and program options shown in faded text are not currently available in the Illinois Community College System (ICCS). Where a career and program option is missing, none has been developed as of yet in the ICCS.

For more information about the Illinois Career Cluster Model go to:

- Illinois’ Program of Study website: <http://www.ilprogramsofstudy.org>
- Illinois Community College Board (ICCB) Directory of Programs: <http://iccbdsrv.iccb.org/clusters/home.cfm>
- Office of Community College Research and Leadership (OCCRL) Programs of Study website: <http://occrll.illinois.edu/projects/pos>
- OCCRL Pathways to Results website: <http://occrll.illinois.edu/projects/pathways>
- ICCB Academic Affairs Home Page: <http://www.iccb.org/academicaffairs.html>
- ICCB Shifting Gears website: http://www.iccb.org/shifting_gears.html
- OCCRL Shifting Gears website: http://occrll.illinois.edu/projects/shifting_gears

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MANUFACTURING

ILLINOIS CAREER CLUSTER MODEL



Illinois Community College Board
Illinois State Board of Education