Green Career Pathways

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Project Director
A coherent, articulated sequence of rigorous academic and career/technical courses

- High School to associate degree, baccalaureate degree and beyond
- Industry recognized certificate, and/or licensure.
- Developed, implemented, and maintained in partnership
  - secondary and postsecondary education,
  - business, and employers. Career Pathways are
- Available to all students, including adult learners
- Leads to rewarding careers.

(http://www.cord.org/career-pathways/)
ALIGNMENT WITH IGEN STRATEGIC GOALS

**Green Careers**
Identify, develop and expand quality green job/career training for students and workers, effectively informed by community and employer partnerships

**Green Curriculum**
Provide assistance and training to Illinois community college faculty to integrate sustainability and green economy content into most disciplines and in general education programs
ALIGNMENT WITH STATE STRATEGIC GOALS

• STEM Learning Exchanges - High School to College program, Race to the Top Funding

• Programs of Study
  • Illinois Community College Board
  • Career and Technical Education
  • Carl D. Perkins Act (2006)

• Workforce Development – WIOA
  • State and Local Workforce Investment Systems
IGEN Career Pathways Project

- 32 degrees and certificates created / modified
- 194 courses developed/modified
  - On-line and hybrid
- ~2,000 participants
- Employer engagement: curriculum development, internships, job placement
Career Pathways

Biofuels – Southeastern Illinois College

- Standardize biofuels curriculum throughout Illinois and the U.S.
- Biofuels Technology & Sustainability Certificate (12 credit hours ALL ONLINE!)
- Renee Loesche, faculty & developer
- Ethanol yields more fuel than it takes to produce it
- Biodiesel reduces the carbon dioxide burden of transportation fuels
- Biofuels technician: Bright Outlook as an emerging career (O*net)
IGEN Career Pathways

Deconstruction and Building Materials
Salvage and Reuse Certificate – Illinois Central College

• Includes certification in Lead RRP (Repair Renovation and Painting)
• Contributes to an associate degree in Architectural Construction Technology
• Combine online coursework with hands-on learning experience.
• New Business Start-up focused on architectural salvage in Peoria IL to hire ICC-program graduates
IGEN Career Pathways

Value-Added Local Food program – Lincoln Land Community College

• Training 36 food service managers this summer in Local Food in Institutions
• Integrate fresh, locally grown food into the fabric of the community for increased health of district residents and a strengthened economy
• Acquisition of high tunnel to incorporate local food growing practices into the culinary education: the seed to plate model
• National Farm to School Network cross-sectoral benefits