

INDUSTRIAL TECHNOLOGIES FIVE-YEAR VISION

Shared Vision

The Industrial Technologies Department provides quality education in the areas of industrial technology. We provide skills and training for students to meet the industry need for a well educated, diverse, and gender equitable workforce. In resonance with Kirkwood's mission, we identify community needs for technical education; provide access to quality education and training in technical areas; and promote opportunities for life long learning in Industrial Technologies.

Major Initiative

- Improve image and awareness of careers in fields related to Industrial Technologies.

Student Initiatives

- Increase female enrollment by 15 percent annually for 5 years.

Curriculum

- Promote articulation agreements with other post secondary opportunities.
- Create a program with a significant number of elective courses.
- Develop cross walk between programs. (equivalent courses at Kirkwood)

New/Expanded Program opportunities

- Expand Afternoon/Evening Programs by at least one additional program offering
- Career Academies Expansion
 - Expand Advanced Manufacturing Career Academy
- New program growth
 - Develop an Interdisciplinary program
 - Develop an Engineering Technology program with multiple areas of emphasis.

Information Technology

- Outsourcing/Partnering for quality lab environment, state of the art software applications.
- Dedicated full-time Industrial Technologies IT person.
- Wireless Jones Hall available for Faculty and Staff.
- Laptops for every student in a program. (5 programs in 5 years)

Facilities

- Relocating programs to central location.(Jones Hall)
 - Addition to Jones Hall.
 - Joint Building Trades Building.
- Industrial Technologies dedicated full-time Building Technician.
 - Maintain program specific equipment and minor building revisions.

Industrial Technologies Department
Year one progress towards Vision Statement

- Develop base line data of number of women in the department in order to set goals for recruitment.
- Wrote and submitted NSF ATE Grant for development of three new programs.
- This grant will address many of issues identified in our shared Vision statement. If this initiative is not funded we will have done much of the ground work and can submit request for GIVF to get the necessary moneys.
- Department Coordinators and the Grant Office are working on a
- Have lined up meeting with Dr. Charles Johnson from UNI to discuss articulation and look at developing agreements in Construction Technology and Welding.
- Have instigated conversations with Dr. Steve Freeman from ISU and will pursue articulation conversation with ISU in the future.
- We are currently in discussion on how to expand our Career Academies in the area of Welding, and Automotive Technology.
- We are doing a technology audit of faculty and staff computer resources. We will use this audit to inform a new deployment plan for computer resources. The Dean is working with Dana Lighthall to develop this inventory and will oversee the allocation of computer resource.