

IAB Brainstorming Session

Friday, June 3, 2011

Problems/Opportunities

Funding – state budget uncertainties

Rely on J.C. transfer students

Program name too broad?

Elimination of Industrial Arts programs in M.S. & H.S.

Existing Programs

•Department of Technology

- Aviation
- Fire
- Industrial Technology
 - Manufacturing Production & Automation
 - Power Energy Transportation
 - CAD
 - Networking (CISCO)

Marketing

- Educate prospect
 - JC counselor & advisor
 - Selected H.S.
- Recognizable projects
 - Practical applications
- Implement interdisciplinary projects
 - Project teams (include industry advisors)
- Re-define Industrial Technology

Industry Needs / Wants

- Team work
- Technical background
- Problem solving
- Process method / communication
- Verbal & written communication
- Initiative - responsibility - owner
- Ethics – control & compliance
- Self teaching – life long learner
- Quality Assurance / Quality Engineering / management
- Project management
- Root cause analysis

Logistics?

- Pratt & Whitney Rocketdyne

Action Items

- Explore opportunities for students in industry
 - 495 Industrial Practicum
 - Response to Dr. Liu by August 31, 2011
 - Teamwork projects
 - E.G. case study, problem solving, 8 week duration