

## **Industry & Advisory Breakfast:**

### **Engineering Minutes**

**Gerald Cordier, Faculty**

**Carlos Garcia, Faculty**

George Balteria, Faculty/North East Trees Judy Jorgenson, Faculty Wyatt Helms, Student Scribe Tom Howell, Holt Architecture Steven Porter, Holt Architecture Tony Blonco, Prism Aerospace Jason Phillips, Prism Aerospace

#### **Curriculum**

- Drafting Technology and Architecture certificate is the primary certificate program supported by the small certificate programs.
- GD&T is important to drafting.
- Documentation of decision making processes.

#### **Industry Recruitment**

- Internships are most important in fitting students with companies.
- Partnership for internship/exposure to industry process, particularly the students' commitment to learn.
- Model based engineering and the processes are important for hiring. Steps of production and data set manipulation are part of the hiring processes.
- Quality control is essential to production process. Attention to detail.
- Holt Architecture internship/shadow mentorship program.
- Aerospace willing to set up internship, mechanical inspectors, CNC operations, program management.

#### **Industry Response**

- Communication and problem solving are the most important skills for recruitment.
- Production is the easy part, macro perspective is more important. Thus problem solving and communication are far more important than the details since detail work will be picked up.
- Communication skills: marketing, communication, business administration classes will be helpful.

-Estimation skills are important: costs, quotes, and the like.

-Clerical work is part of most jobs: paper work, reports, Excel, word processors

### **Student Input**

-Set plans for internship and school parallelism. Tailoring study to company needs. Industry approves of such parallelism.

-Software use . (Proficiency in any software can be sufficient without actual experience. Software proficiency is transferable.) -School schedule interference with internship. (Internship would likely be flexible around school schedule but compromises schedules between the two.) -Multiple discipline schooling affects on hiring. (Depends on companies but credentialing is very important for hiring.)