



## Industrial Advisory Committee Joint Meeting

School of Business, Aviation and Technology

April 7, 2017

Dining Hall

Committee Members Present: Dean Jerry Bacza, School of Business, Aviation and Technology

Chris Toothman, Program Coordinator: Drafting/Design Engineering Technology

Paige Robinson, Dominion Energy

Brian DeBias, Fesco

Vanessa Haymond, Instructor: United Technical Center

Gary Schultz, Dominion Energy

Rick West, Student in the Drafting/Design Engineering Technology program

Michael Butts, Corhart Refractories

Jody Ware, Corhart Refractories

Absent: Sherrie Strother, First Energy

Jessica Frye, Swanson Plating

8:00AM Advisory members ate a buffet style breakfast and had a chance to get reacquainted with the existing members and get introduced with the new members. Acting Provost, Brian Floyd stopped by to say hello. The Graphics advisory committee met at the same time and many members knew each other. There was great conversation.

8:45AM Chris Toothman called the business meeting to order. He passed out minutes for the last meeting for approval. Gary Schultz approved the minutes as presented. Vanessa Haymond seconded the motion. An agenda was passed out for the group.

A curriculum change was discussed. Two tracks were presented. The current program with 60 credit hours will be used by students that are in the mechanical program that desire to complete the associate degree in Drafting/Design Engineering Technology. The committee agreed. Some of the members were previous students that completed this track.

The second track was for Pierpont Drafting/Design Engineering Technology students. This curriculum was presented to the committee for their discussion and approval.

Delete: MANF 1100 Materials and Processes

Replace with: DRFT 2265 3D Printing: Additive Manufacturing

Delete Math 1101 Applied Technical Math I

Replace with MTH 1203 Applied Math for Industry

Delete INFO 1100 Computer Concepts

Replace with OFAD 1150 Computer Concepts

Delete MATH 1102 Applied Technical Math II

Replace with MTH 1204 Applied Math for Industry II

Delete ECON 2200 Economics

Replace with BUSN 2248 Business Essentials

Delete Physics 1101 Intro to Physics I

Replace with PHY 1103 Physics of Light and Color

Delete TECH 2290 Engineering Analysis I

Replace with 4 hours of Technical Electives (1 lab management hour and 1 three hour course)

Much discussion occurred on all of these proposals. All of the proposed course changes now ensure 60 hours of Pierpont courses. Many of the deleted courses in this track were FSU courses that Pierpont students needed permission to take and also pay extra.

Brian DeBias made a motion to accept these changes as presented. Gary Schultz seconded the motion. Motion unanimously passed.

(See attachments for Track 1 (current program) and Track 2 (new curriculum))

Discussion began on the review of the CAD Skills Certificate. Chris Toothman indicated that the five courses in this option need to be separated into two tracks. The five courses are:

DRFT 2200 Intro to AutoCAD

DRFT 2205 Introduction to Solid Modeling

DRFT 2215 Architectural Drafting

DRFT 2235 Technical Drafting

DRFT 2245 Architectural Design (Revit)

Interior design majors do not see the relevance of the Technical Drafting class. The Mechanical and Civil students do not see the relevance of the Architectural Design course. With this student input that was verified by Rick West, it was proposed splitting the certificate into two different options.

Option 1 Architectural CAD Skills Certificate

Option 2 Mechanical/Civil CAD Skills Certificate

DRFT 2200 Intro to AutoCAD

DRFT 2200 Intro to AutoCAD

DRFT 2205 Introduction to Solid Modeling

DRFT 2224 Inventor Sheet Metal

DRFT 2215 Architectural Drafting

DRFT 2235 Technical Drafting

DRFT 2245 Architectural Design (Revit)

DRFT 2254 Mapping

DRFT 2265 3D Printing: Additive Manufacturing

DRFT 2265 3D Printing: Additive Manufacturing

The entire committee agreed that these options would be better choices for our students. Vanessa Haymond made a motion to accept these options. Rick West seconded. The motion unanimously passed.

Chris Toothman informed the group that the Drafting/Design Engineering program received reaccreditation until 2020. Dr. Bacza and Chris Toothman presented before the ATMAE board of directors in Orlando Florida along with our team chair Sam Rowell. The ATMAE board had minor discussion of the program but no changes were needed.

Meeting adjourned at 11:45AM. A tour was given of the 3D printing area to demonstrate some of the new equipment.

12:30 Everyone was dismissed.