

CTE ADVISORY MEETING MINUTES



DATE: THURSDAY, AUGUST 16, 2018

TIME: 5:00PM – 7:00PM

LOCATION: LONG BEACH CITY COLLEGE PCC CAMPUS – GG238

FACILITATOR: GENE CARBONARO, DEAN OF CTE

DEPARTMENTS: ADVANCED MANUFACTURING AND ENGINEERING TECHNOLOGY

In Attendance

Edgar Vazquez, Virgin Orbit	Rocky Sayers, Toyota
Davin Rosenfield, Romac Supply & SME 233	Jesse Urquidi, P25 Inc.
Angie Rosenfield, Romac Supply	Try Khou, HDR Inc.
Michael Haddadin, Boeing	Julie Schneider, LBCC
Mark Edmonds, Northrop Grumman	Christian Ferreira, LBCC
Don McKinzie, Northrop Grumman	Juan Flores, LBCC
Milt Thomas, Wire Cut Company	Maurice Rojas, TECH Power
Gene Carbonaro, LBCC	Ian Jackson, Chemring Energetic Devices
Anthony Pagan, LBCC	Dr. Kim Armstrong, Boeing
Scott Fraser, LBCC	Lizzette Villegas, LBCC
Damon Skinner, LBCC	Micholino Varnum, J&F Machine Inc.
Dana Friez, LBCC	Rick Varnum, J&F Machine Inc.
Tim LeFevre, Trepanning Specialties & NTMA	

Welcome and Introductions

Gene Carbonaro and Melissa Infusino conducted the welcome and introductions to the advisory meeting.

Overview of the Programs

Scott Fraser gave an overview of the CTE Trades Programs.

Discussion of the A.S. Degree and Certificate of Achievement in Advanced Manufacturing

Juan Flores discussed the Advanced Manufacturing and Scott Fraser reviewed the outline of the program. Michael Haddadin advised to add composites, additives, and the CATIA software to the

program. Don McKinzie also suggested advancing or incorporating the CNC programming to the courses. Gene also explained that he wants to create mirror/non-credit classes for Adv. Manufacturing.

OSHA 254 – General Industrial Safety	CAD 52 – CAD/CAM
ADMT 50 – Advanced Manufacturing Intro	CAD 60 – Geometric Dimensioning and Tolerancing
ADMT 200 – Machine Tool Math	ETEC 10 – Introduction to Engineering Technology
ADMT 251 – Adv. Manufacturing CNC Lathes & Mills	ETEC 60 – Material Science for Adv. Manufacturing
ADMT 252 – Adv. Manufacturing CNC Sheet Metal	WELD 50 – Introduction to Welding
ADMT 253 – Adv. Manufacturing Capstone	
CAD 50 – Mechanical Drafting 1	
CAD 51 – Mechanical Drafting 2	

Vote to approve the A.S. Degree and Certificate of Achievement in **Advanced Manufacturing**

David Rosenfield, Dr. Kim Armstrong, and Milton Thomas motioned to approve the program. The motion passed unanimously in favor for the AS Degree and Certificate of Achievement in Advanced Manufacturing.

Discussion of the Certificate of Achievement in **Advanced Manufacturing Technology Core Skills**

Juan Flores and Scott Fraser presented the Advanced Manufacturing Technology Core Skills. The Certificate of Achievement is a program completion of 12 units or more that go on the student transcripts.

OSHA 254 – General Industrial Safety	CAD 50 – Mechanical Drafting 1
ADMT 200 – Machine Tool Math	WELD 50 – Introduction to Welding
ADMT 50 – Advanced Manufacturing Intro	ETEC 60 – Material Science for Adv. Manufacturing

Vote to approve the Certificate of Achievement in **Advanced Manufacturing Technology Core Skills**

Mark Edmonds and Ian Jackson motion to approve the program. The motion passed unanimously in favor for the Certificate of Achievement in Advanced Technology Core Skills.

Discussion of the Certificate of Achievement in **Advanced Manufacturing and Design Technology**

Juan Flores covered the Advanced Manufacturing and Design Technology proposed curriculum. Dr. Kim Armstrong and Michael Haddadin pushed to bring back the Aviation program at LBCC. Boeing will wholly support the Aviation program at LBCC. Michael Haddadin will follow up with their Senior Manager at Boeing to research support, projects, and other resources that LBCC can use. Scott Fraser explained that he is working on restructuring and rebuilding the Aviation curriculum before re-launching the program.

CAD 50 – Mechanical Drafting 1

CAD 51 – Mechanical Drafting 2

CAD 52 – CAD/CAM

CAD 220 – Intro to CATIA

CAD 60 – Geometric Dimensioning and Tolerancing

ETEC 60 – Material Science for Adv. Manufacturing

CAD 202 - AutoCAD I, Fundamentals

Vote to approve the Certificate of Achievement in **Advanced Manufacturing and Design Technology**

Ian Jackson and Dr. Kim Armstrong motion to approve the program. The motion passed unanimously in favor for the Certificate of Achievement in Advanced Manufacturing and Design Technology.

Discussion of the A.S. Degree and Certificate of Achievement in **Engineering Technology**

Juan Flores discussed the A.S. Degree in Engineering Technology. Rocky Sayers recruited three certified students from LBCC.

ADMT 50 – Advanced Manufacturing Intro

CAD 51 – Mechanical Drafting 2

CAD 60 – Geometric Dimensioning and Tolerancing

ELECT 230A – Robotics Technology Design

ELECT 230B – Robotics Technology Integration

ELECT 231 – Electro-Hydraulics & Pneumatics

ETEC 10 – Introduction to Engineering Technology

ETEC 20 – Introduction to Engineering Technology

ETEC 30 – Principles of Engineering Technology

ETEC 40 – Electronics for Engineering Technology

ETEC 60 – Material Science for Adv. Manufacturing

MTFAB 280 – Fanuc Robotic Welding

Vote to approve the A.S. Degree and Certificate of Achievement in Engineering Technology

Maurice Rojas and Christian Ferreira motion to approve the program. The motion passed unanimously in favor for the A.S. Degree and Certificate of Achievement in Engineering Technology.

Discussion of the A.S. Degree and Certificate of Achievement in Engineering Automation Technology

Juan Flores discussed the Certificate of Achievement in Engineering Automation Technology.

ADMT 50 – Adv. Manufacturing, Introduction	CAD 51 – Mechanical Drafting 2
ETEC 60 – Material Science for Adv. Manufacturing	ELECT 230A – Robotics Technology Design
ELECT 230B – Robotics Technology Integration	ELECT 231 – Electro-Hydraulics and Pneumatics Systems
MTFAB 280 – Fanuc Robotic Welding	

Vote to approve the Certificate of Achievement in Engineering Automation Technology

Maurice Rojas and Christian Ferreira motion to approve the program. The motion passed unanimously in favor for the Certificate of Achievement in Engineering Automation Technology.

Discuss Non-Credit Courses and the Benefits of the Programs

Gene explains how non-credit classes are available for students who may want to receive the training but do not need the credits. Students also have the option of switching to a credit class if they would like to receive credits to transfer.

Vote to approve the Non-Credit Courses

Dr. Kim Armstrong and David Rosenfield motioned to approve the creation of Non-Credit courses. The motion passed unanimously in favor create Non-Credit course for all Advanced Manufacturing and Engineering Technology Courses.

Announcements

Scott Fraser is looking for part-time faculty for the Trades programs at LBCC.

Next Meeting

TBD

Motion to adjourn was made at 7:00pm and was passed unanimously.