*Present: CSU Chancellor’s Office – Ebi Saberi, Environ Architecture – Alan Burks, ZGF Architects – Ted Hyman, Hu mn+ lab architecture – Bryan Winters, Kollin Altomare Architects – Brian Husting, CSULB – Eduardo Perez, AIA Board of Directors – Bob Murrin, West Group Designs – Shazad Ghanbari, Studio One Eleven – Alan Pullman, Richard Song Design – Richard Song, LBCC – Leslie Forehand, Anthony Pagan, Lorrain Blouin, Damon Skinner, Melissa Infusino, Maria Andrade-Hernandez, Veronica Rodriguez*

1. **Welcome & Approval of Minutes:**

Meeting was called to order at 5:35pm by Leslie Forehand. The minutes from last year’s Advisory Committee were reviewed.

**MOTION** – Recommendation to approve the minutes. Lorrain Blouin from LBCC moved to approve the minutes as written. Ted Hyman from ZGF seconded the motion; minutes approved unanimously.

1. **Overview of Architecture Program:**

Leslie Forehand welcome everyone and provided an overview of the LBCC Architecture Program.

The Architectural Design program at Long Beach City College creates an educational environment where students can achieve their individual goals by providing the necessary knowledge and skills to successfully transfer to a bachelor program in Architecture or a related field. The program provides students with instruction in the latest technologies, industry standards, and significant industry trends.

1. **Review of Labor Market Information:**

Members were provided two documents for review which Leslie also provided an overview for:

Program Endorsement Brief:0201.00/Architecture and Architectural Technology

Program Endorsement Brief:0953.10/Architectural Drafting - *Architectural Drafting; Architectural Theory and Design; Residential Architectural Design*

Both of these reports were submitted as support for the new architecture programs and showed labor market demand and occupations with living wages or greater.

1. **Review of Historic Student Outcomes and Overview of Revised Student Learning Outcomes for all Classes:**

Leslie provide an overview of the program learning objectives which were strong but explained the need and her efforts to update all the individual course student learning outcomes (SLO’s). Individual course SLO’s are dated, extensive and too specific. Programs have been advised that the best practice is to streamline the learning outcomes. All courses will be revised to provide identifiable assessments and enough flexibility to grow with changing technology.

Leslie expressed the need for relationships with four year architecture colleges in the area. Several members of the advisory offered to help make connections.

1. **Overview of Modality Revisions for all ARCHT courses:**

Leslie reported that all courses have shifted to online and hybrid delivery due to Covid-19. These courses provide students with lessons online that they complete outside of regular school schedule. This scaffolding approach guides students though a project weekly. They have flexible course times which is helping with enrolling more students.

1. **ACTION - Recommended Approval of Course, Degree, and Certificate Eliminations**

Eliminate ARCHT 60, ARCHT 64, ARCHT 70A

These courses have not been taught in years. They are 8-unit courses which is twice as many units as our other courses. Students typically want to take classes in smaller chunks, 4-unit studios align with transfer expectations of other universities.

Eliminate ARCHT 360 M1, ARCHT 360 M2

These courses have been recently taught, but problematic from a curriculum stand point.

Eliminate Architectural Drafting Awards

Propose to eliminate the Drafting Architectural A.S. and certificates - the degree is identical to the Architectural Design degree (A.S.) and the term ‘drafting’ is outdated and doesn’t align with industry. We have Architectural Design and Architectural Drafting Degrees – the Associates degrees are identical which is bad from a curriculum perspective. A “BIM Coordinator” Certificate will be created.

**MOTION** – Recommendation to approve elimination of ARCHT 60, ARCHT 64, ARCHT 70A, ARCHT 360 M1, ARCHT 360 M2, Drafting Architectural A.S. and Drafting Certificates. Alan Burks from Environ Architecture moved to approve elimination of architecture courses. Eduardo Perez from CSULB second the motion; vote was approved unanimously.

1. **ACTION - Recommended Approval of New For Credit Courses**

There are two main types of students in the program – students who want to become architects and students with some knowledge who are looking to brush up on specific skills. LBCC faculty will create new courses to support a BIM Coordinator Certificate, create a one-year transfer certificate – students can apply to transfer to second year at a University and create new courses to support an A.S. Degree that could also lead to third year transfer to CalPoly.

REVIT COURSES

* Revit Four – Coordination and MEP in Revit
* Revit Five – HBIM – Historical Structures and Point Cloud Management

These classes will support the new “BIM Coordinator Certificate”

ADDITIONAL SOFTWARE COURSES

* Rhino Basics
* Sketchup 1
* Sketchup 2
* CAD Basics

These classes will support the new “BIM Coordinator Certificate” and other awards

CORE AND HISTORY COURSES

* Visual Literacy and Civilization (Sketching and Theory)
* Design Methods and Theories
* Architectural History, Ancient to Medieval
* Architectural History, Medieval to Renaissance

These classes will support the Architectural Design A.S. and Certificate

BUILDING SCIENCE COURSES

* Introduction to Sustainable Architectural Design
* Environmental Controls Systems
* Building Construction
* Structures 1

These classes will support the Architectural Design A.S. and Certificate

ADVANCED DIGITAL MEDIA COURSES

* Advanced Digital Media
* Visualization and Communication - Portfolio Seminar

These classes will support the Architectural Design A.S. and Certificate

**MOTION** – Recommendation to approve new credit courses:

1. Revit Four – Coordination and MEP in Revit
2. Revit Five – HBIM – Historical Structures and Point Cloud Management
3. Rhino Basics
4. Sketchup 1
5. Sketchup 2
6. CAD Basics
7. Visual Literacy and Civilization (Sketching and Theory)
8. Design Methods and Theories
9. Architectural History, Ancient to Medieval
10. Architectural History, Medieval to Renaissance
11. Introduction to Sustainable Architectural Design
12. Environmental Controls Systems
13. Building Construction
14. Structures 1
15. Advanced Digital Media
16. Visualization and Communication - Portfolio Seminar

Ted Hyman from ZGF Architects moved to approve new credit courses. Eduardo Perez from CSULB second the motion; vote was approved unanimously.

1. **ACTION - Recommended Approval of New Noncredit Courses**

LBCC offers noncredit programs for ongoing and self-motivated community members interested in the pursuit of knowledge for either personal or professional reasons. Noncredit courses are free of charge and aim not only to enhance social inclusion, active citizenship, and personal development, but also self-sustainability, as well as competitiveness and to increase employability.

NOTE: Noncredit courses do not count toward the completion of a certificate or Associate degree.

AUTODESK COURSES

* Revit 1
* Revit 2
* Revit 3
* AutoCAD 1
* AutoCAD 2
* AutoCAD 3

These classes will be supported by non-credit industry certifications, such as the Autodesk User Certification Exam.

SKETCHUP and RHINO COURSES

* Sketchup 1
* Sketchup 2
* Sketchup 3
* Rhino 1
* Rhino 2

These classes will be supported by non-credit industry certifications

**MOTION** – Recommendation to approve new noncredit courses:

1. Revit 1
2. Revit 2
3. Revit 3
4. AutoCAD 1
5. AutoCAD 2
6. AutoCAD 3
7. Sketchup 1
8. Sketchup 2
9. Sketchup 3
10. Rhino 1
11. Rhino 2

Ted Hyman from ZGF Architects moved to approve new noncredit courses. Ebi Saberi from CSU Chancellor’s Office second the motion; vote was approved unanimously.

1. **ACTION: Approval of Revised Certificates and Degree:**

REVISED A.S. DEGREE

ARCHT STUDIO COURSES (20)

* ARCHT 61
* ARCHT 62
* ARCHT 65
* ARCHT 66
* ARCHT 71A

ARCHT LECTURE COURSES (27)

* Visual Literacy and Civilization (Sketching and Theory)
* Design Methods and Theories
* Architectural History, Ancient to Medieval
* Architectural History, Medieval to Renaissance
* Introduction to Sustainable Architectural Design\*\*
* Environmental Controls Systems
* Building Construction
* Structures 1
* Visualization and Communication - Portfolio Seminar

GENERAL EDS (14.5)

* COMM 60 - Elements of Argumentation and Debate
* ENGL 3 - Argumentative and Critical Writing
* MATH 40 - Trigonometry
* PHYS 2A - General Physics

**MOTION** – Recommendation to approve revised A.S. Degree. Eduardo Perez from CSUBmoved to approve new certificate. Shazad Ghanbari from West Group Designs second the motion; vote was approved unanimously.

REVISED CERTIFICATE

ARCHT STUDIO COURSES (8)

* ARCHT 61
* ARCHT 62

ARCHT LECTURE COURSES (12)

* Visual Literacy and Civilization (Sketching and Theory)
* Architectural History, Ancient to Medieval
* Architectural History, Medieval to Renaissance
* Visualization and Communication - Portfolio Seminar

GENERAL EDS (14.5)

* COMM 60 - Elements of Argumentation and Debate (3)
* ENGL 3 - Argumentative and Critical Writing (4.00)
* MATH 40 - Trigonometry (3.00)
* PHYS 2A - General Physics (4.50)

**MOTION** – Recommendation to approve revised Certificate. Ted Hyman from ZGF Architectsmoved to approve new certificate. Eduardo Perez from CSULB second the motion; vote was approved unanimously.

BIM COORDINATOR CERTIFICATE

* Rhino Basics
* CAD Basics
* Revit 1 – 5

**MOTION** – Recommendation to approve new BIM Coordinator Certificate. Alan Burks from Environ Architecturemoved to approve new certificate. Ted Hyman from ZGF Architects second the motion; vote was approved unanimously.

NONCREDIT INDUSTRY CERTIFICATE

* AutoCAD Certificate
* REVIT Certificate
* SketchUp Certificate
* Rhinoceros Certificate

**MOTION** – Recommendation to approve new noncredit certificates. Alan Burks from Environ Architecturemoved to approve new certificate. Bob Murrin from AIA Board of Directors second the motion; vote was approved unanimously.

1. **Announcements / Updates:**

Increased enrollment in ARCHT 61 course; went from 40 students last year to 80 students this year. Construction in new facility will begin soon and new adjunct faculty was hired. Perkins grant awarded to purchase new equipment.

Ted Hyman from ZGF Architects asked about internship opportunities for students and can provide a connection to Cal Poly and Woodberry; Melissa Infusino will follow-up with everyone about internship opportunities.

Minutes recorded and submitted by Veronica Rodriguez, pending approval.

Meeting adjourned at 7:08pm