



MINUTES

Computer-Aided Design Advisory Committee Meeting

Date | time 4/17/2017 6:00 PM | Meeting called to order by Rick Bunton at 6:10pm

In Attendance

Members Present:

Tarryn Thaden—Owner, Tarryn T Design
Kurt Wolter—Tech Teacher, Rochelle Township High School
Alissa Maher—Truss Designer, R&D Thiel
John Moluf—Architectural Draftsman of Facilities, Northern Illinois University
Steve Cromwell—Chairman of Committee; Retired Draftsman, Cain Millwork, Inc.
Philip Altice—Tool Designer, Ingersol Cutting Tool

Members Absent:

Charles Watson—Project Manager, Cain Millwork, Inc.
Brittney Schmidt—Kitchen & Bath Designer, Kramers Kitchen and Bath

Kishwaukee College Employees Present:

Richard Bunton—CAD Instructor, Kishwaukee College
Matthew Feuerborn—Dean of Career Technologies, Kishwaukee College
Bernie Pupino—Coordinator of Career Technologies, Kishwaukee College
Joanne Kantner—Interim Executive Dean of Learning Services, Kishwaukee College
LaCretia Konan—Director of Business and Training Partnerships, Kishwaukee College
Brianna Hooker—Administrative Assistant to Instruction, Recorder, Kishwaukee College

Committee Chair Announcement/Welcome New Members

Rick announces that Steve Cromwell has retired and will be retiring as Chair of the CAD Advisory Committee as well. We will be nominating and voting on a new Chair and Vice Chair this evening. Special thank you to Steve and his dedicated to Kishwaukee College.

LaCretia Konan—Director of Business & Training Partnerships

Rick introduces LaCretia Konan, Director of Business and Training Partnerships, here at the college. LaCretia describes her role at the college and provides an overview of WIOA which can be utilized by employers to further train and educate their employees. There are on-the-job training dollars available as well. LaCretia acknowledges faculty contact with employers and industry leaders, however, she also serves as a central point of contact for the college with regard to partnerships. LaCretia provides her business card and contact information to the committee.

Rick thanks LaCretia for her contributions to the college and the committee.

CAD 2016-2017 Enrollment Data

SP16 Heads	SP17 Heads	Heads Change		SP16 Credits	SP17 Credits	CH Change	CH %
82	57	-25		252.0	176.0	-76.0	-30.2%

Rick reports that Enrollment numbers are down this semester and there are between 12-15 students in the entire program. However, it is important to note that enrolment is not our only measure of success. Rick presents job placement data on each of our recent graduates as well as students who are currently enrolled and their employment rates. The data proves that our graduates are finding jobs in the field and that is a major success of the program. Ali, on behalf of R&D Thiel, reached out to Rick for a potential candidate. The student was interviewed, was offered and accepted the position. Ali reports that he is a great asset to their company.

Rick reports that some of our students are not accepting the job offers they are receiving because starting wages have been very low. Tarryn emphasizes that while starting wages may be low, there is likely much potential for growth.

IDEA Drafting Contest

Rick reports the IDEA Drafting Contest Finals will be held April 22, 2017 at Illinois State University and Kurt will be taking 5 students to Finals.

Rick presents IDEA Regional Results Kishwaukee College to committee and this can be found online. Rick will send the link to committee members.

Farnsworth House Tour—April 19th

Rick and Matt Feuerborn will be meeting students at the Farnsworth House for a 2pm Tour on April 19, 2017. This house was designed by Ludwig Mies van der Rohe and is on the National Register of historic places.

Fall 2017-Spring 2018 Class Offerings

Fall 2017-Spring 2018 class offerings can be found on pages 110-112 of the college course catalog. Rick points out that that an estimated 7 courses have a primary focus on AutoCAD software.

Discussion of Current Curriculum (Pages 68-69)

Rick presents concept map to discuss possible future curriculum design.

Proposal of combining CAD 112 and CAD 120:

Ali recommends more emphasis on writing/drawing skills; many people seem to lack proficiency and understanding in this area. Phil clarifies that SolidWorks focuses only on the mechanical side, rather than the architectural side. Rick proposes making this course a 2nd year course, at which point the students would be able to utilize Revit. Kurt and John speak highly of SketchUp software for this course. Matt reminds committee that CAD 110 and CAD 120 used to be offered as a single course and was eventually split. Rick also reports need for a textbook search for the Technical Illustration book that is currently being utilized because it is out of date.

CAD 131—Print Reading for Construction Trades—very valuable class; no proposed changes.

CAD 151—no proposed changes.

CAD 152—Rick asks if 3D vanilla AutoCAD is still used and that will help to determine if course changes should be considered for this course. Steve believes 3D AutoCAD is still important to include in the curriculum. No changes proposed.

CAD 153—Proposal to change pre-requisites to CAD 120, CAD 151, and add an AutoCAD mechanical package.

CAD 154—Proposal to add AutoCAD mechanical package.

CAD 171 & CAD 172—no proposed changes.

CAD 210—Proposal to change course title to: *Principals of Industrial Design* however, Rick reports that we will not be able to make this change in time for next year. Matt explains the long term goal for this class would be to include a multidisciplinary approach including manufacturing, electronics, and welding along with CAD students to create a hands-on practical experience.

CAD 211—Design Problems—Rick and Matt report that this class has only been offered at most a couple of times in the past 6 years. No proposed changes.

CAD 221—Descriptive Geometry—Rick reports that since having changed the textbook to “*Engineering Drawing & Design*,” the course seems to be running much more smoothly and the students have been more successful.

CAD 231—Proposal to be a unit within CAD 253. When/If this course gets removed from the curriculum, proposal to require CAD 172 in Program of Study as its replacement.

CAD 251—Proposal to introduce 3D Studio Max—Rick reports that the college already has access to this software, it just has not been installed. Possible removal of CAD 152 as a pre-requisite but committee agrees it should be kept.

CAD 253—no proposed changes. Possibly introduce Inventor software.

CAD 254—Proposal to utilize Revit/3D Studio in this course.

CAD 259—Proposal to remove course from catalog defended by the fact that this course has not been offered in 6+ years.

CAD 270—Internship—No changes proposed. There are currently 2-3 students taking this course.

ACTION ITEM: Rick will email these curriculum proposals to committee for further review and feedback.

Nomination and Election of New Chair and Vice Chair

Steve Cromwell announces that the committee will nominate and elect a new chairman and vice chairman.

Alissa Maher is nominated by John Moluf as new committee Chair. Tarryn seconds the motion.

Discussion: Rick believes Ali would do a great job. No opposition. Motion carries.

Tarryn Thaden is nominated as committee Vice Chair by John Moluf. Rick seconds the motion.

John Moluf is nominated as committee Vice Chair by Alissa Maher. Tarryn seconds the motion.

Discussion: Tarryn has held the Vice Chair position to Steve. John states, if he were to be elected, he would accept the position. Tarryn has leadership roles on many other boards that she serves and declines nomination. John is unanimously elected Vice Chair of the committee.

Steve recommends reviewing Committee Charter at our Fall meeting.

What Does a Comprehensive & Architectural AAS and/or Certification look like?

Plan to discuss at future meeting.

Next Meeting

10/16/2017 6:00 PM, Kishwaukee College.

Date may change as one member who is interested in remaining on committee has a previous commitment on Monday evenings. Ali and Rick will discuss new standing meeting date and communicate date with Brianna.

Tarryn makes a motion to adjourn meeting. Ali seconds.

Meeting Adjourned at 7:25 PM.