

CE Program Advisory Committee Meeting Construction Technology

Certificate Programs: Carpentry, Concrete and Masonry,
Construction Technology, Fine Woodworking, Plumbing,
Master Construction Specialist, Residential Construction Development

November 1, 2019
Technology, Room 165
Meeting Convened at: 6:00pm
Meeting Adjourned at: 8:40pm
Facilitator: Max Pena

<u>COMMITTEE MEMBERS</u>	<u>EX-OFFICIO</u>
<p>David Appel, Inspector, City of Santa Ana Dennis Bishop, Bishop Realty Dennis Bogle, Building Official, City of Laguna Beach Tony Borkowski, Senior Estimator, Tangram Interiors Carlos Campos, Owner, Gifted Fields Design Eric DeCrescenzo, Salesman, Catalina Pacific Concrete Salvador Fonseca, Easy Paint Veronica Jaimes, Sunrise Construction Duane Jennrich, Coastline ROP/Estancia High School Steve Murow, Founder and Chairman, Dirtonu, Inc. Jose Sanchez, Cal-Scape Russ Worthington, Project Liaison, The Irvine Company Peter Vail, owner, Joelson Vail Associates, LLC</p>	<p>Oscar Ortiz, FT Faculty, OCC Max Pena, FT Faculty, OCC Steve Lee, PT Faculty, OCC Daniel Shrader, Dean of Technology, OCC Darrell Urbien, Staff, OCC</p>

ADVISORY COMMITTEE MEETING SUMMARY

I. Welcome and Introductions

Oscar Ortiz opened the meeting by introducing new Committee members: Veronica Jaimes (General Contractor), Salvador Fonseca (Painting Contractor), Jose Sanchez (Landscape Contractor), Eric DeCrescenzo (Salesman, Catalina Pacific Concrete), Duane Jennrich (Coastline ROP/Estancia High School Construction Technology).

The functions of the CTE Advisory Committee and their role in Program guidance were explained by Max Pena.

II. Review of Last Advisory Committee Recommendations

Last Meeting Date: November 2, 2018

- Program Level Outcomes (PLOs) Reviewed and Ratified.

Max told the Committee the Program Level Outcome statements approved at the last meeting was considered vague by the Administration and needed clarification.

- After a lengthy discussion, the Committee agreed to amend the PLO Statement to: *“Demonstrate the knowledge and skills to obtain employment and succeed in entry-level positions in the Construction trades, including: Carpentry, Concrete/Masonry, Electrical, Estimating, Fine Woodworking, Home Automation, Inspection, Plumbing, and Project Management.”*

- Max asked whether Unions/Apprenticeships should be mentioned in the PLO statement, and members of Committee stated this could not be done until there was a formal agreement in place with the Unions.
- Duane Jennrich agreed to share his Union-based curriculum he uses at Estancia H.S.
- Oscar mentioned that he is a Certified Instructor with the Multi/Craft Core Curriculum (MC3) and that we should consider the possibility of establishing an MC3 program at OCC through Community Ed as a non-credit program.
- The Committee continued to be against breaking up 5 unit courses into smaller unit courses to make the courses more compatible with High School courses as proposed by Dean Daniel Shrader.
- Curriculum Approvals
 - **Finish Carpentry class is currently being offered and the new Carpentry Certificate has been approved.** The Energy Audit Course was approved. CNST189 Blueprint Reading, the class that was developed for those students whose jobs did not require the Drafting component of CNST 190, was approved and should be offered in Spring of 2020.

III. Program Review Data

- Max reviewed the Biennial Program Review College Core Indicator information packet.
 - The Program data for Certificates and Degrees of the Construction Program were discussed on page 1.
 - On page 2, Max shared the steady growth in the labor market and demands for Construction related positions for all the trades.
 - On page 3, Max showed the earning dollar potential for each trade, with Construction Managers making \$64.75/hour, Construction Building Inspectors making \$46.91/hour and Construction Estimators making \$45.26/hour.
 - On page 4, Max mentioned our College's nearest competitors, and Oscar pointed out OCC offers significantly more Certificates and Degrees than those institutions.
 - On page 12, Max shared the Enrollment and Completion success of the Program from 2013-14 through 2017-18.
 - The Committee suggested creating a student database that could automatically track student success outside of transfers, certificates, and degrees. This would require the input of someone in Admissions and Records to follow up with students after they left the college; currently Instructors only know what happens to students who leave the program if a student voluntarily keeps them informed.
 - Max brought up that the college assigned a job placement rate of 75% and asked whether that number was realistic. While our Department exceeded the standard in the last two years, Oscar thought that 60% was a more appropriate number and he received no objections from the Committee.
- The Committee was asked for ideas on how we could better help the economically disadvantaged student population.
 - Veronica Jaimes suggested Financial Aid, Counseling, EOPS, and ESL have a combined presentation to new students (similar to an orientation). Max wondered whether Counseling should advise students in the first week of school about all the programs available to assist them.
 - Steve Murow mentioned funding is available through Building Industry Association (BIA) for non-traditional Construction students.
 - Oscar suggested offering sections of classes in Spanish. Several members inquired about scholarships, and the possibility of the Financial Aid office giving assistance in buying tools. The Committee agreed these were all suggestions that should be investigated more fully.

IV. New Program Developments

- Faculty and Staffing: Longtime Faculty members David Rodriguez and Dennis Bishop retired. The Department is requesting another Full Time Faculty member to replace David. Dennis Bishop's load has been taken over by other part time faculty.

There is still no Full Time Classified Instructional Associate in Construction but we are currently in the hiring process.

- Daniel shared with the Committee that Westminster High School's Agriculture Program had a large lot that may be available to host an OCC Construction Technology Heavy Equipment course/program, which had been approved in the past but had yet to be offered. However, at this point funding is not available for new equipment purchase or rental. OCC is continuing to investigate the possibility of this partnership.
- Max made the statement that we received equipment through last year's ARR and we are continuing to acquire tools. Oscar stated when he first started working at OCC he was forced to bring in his own equipment in order to properly run his classes; now while are still in need, we have vastly improved.
- Curriculum changes:
 - Oscar informed the group that the curriculum changes approved by the Committee during the 2018 meeting were in progress, however the Administration felt some of the wording was vague and wanted the Committee to make their approval more explicit.
The Committee reviewed and discussed the changes proposed in the attached document [**See CNST COURSE CHANGES.doc**]. All the changes were once again unanimously approved.
 - It was suggested by Steve Murow and Peter Vail that while we are making changes to the course names CNST 180 and 185 should be renamed from "Building Construction I" and "Building Construction II" to "Framing" and "Roof Framing", respectively, as they are more descriptive.
Daniel suggested the previous course names implied one course was a required prerequisite to the other. It was pointed out by Oscar, Max, and previous students of the program that this was not the case – and that one of the benefits of the program was the courses may be taken independent of one another. This helps many students complete the program faster as they can take the courses at their convenience when they are offered. It was recommended by the Committee the current non-prerequisite status of these courses be continued under the new names.
 - After some discussion, the Committee approved the RETIREMENT of:
 - CNST A235 Contractor's Business Practice
 - CNST A290 Construction Contracts and Specifications
 - The Committee was happy the Residential Development First Award, Second Award, and Third Award Certificates have been renamed: Building Construction, Construction Inspection, and Construction Management, respectively. It was felt the new names were both more descriptive and made students more marketable on their resume.
 - Oscar proposed a new course in Tile Construction be developed, and he thought it could be first offered as a 199 Special Topics class. After some discussion, this was approved by the Committee.
 - Daniel expressed concern about the number of courses required to complete the Master Construction Specialist Certificate. He believed it required too many units (77) to complete, whereas a non-construction AS could be completed in 60 units.

After much consideration, it was pointed out by Oscar that the Master Construction Specialist Certificate was meant to be a special, and that there were in fact many other ways to attain an AS degree in Construction without necessarily completing this Certificate. This was corroborated by former students Carlos Campos, Salvador Fonseca, Veronica Jaimes, and Jose Sanchez.

It was determined that Daniel's real issue was with the wording of the *catalog description* of the Certificate, which made it appear the only way to achieve an AS in Construction was to complete 77 units.

In further discussion, it was pointed out the Catalog mentions all recipients of the Master Construction Specialist Certificate were supposed to have their names displayed in the Technology Building, which is currently not the case. We are looking into how this can be produced and displayed.

Oscar mentioned how the Master Construction Specialist Certificate could possibly be modified into a viable candidate for the State Community College Vocational Baccalaureate Degree program.

V. Work Based Learning Opportunities

- Max mentioned we are still working with the Career Center and Thao Ho to get employers to register their job postings. Oscar and Max have referred students to the Career Center for job placement.
- Oscar has been the faculty advisor for recent students that participated in the Internship Academy.

VI. Industry Update

- Steve Lee proposed a new certificate program for a grant the school received in the green energy area.

The certificate would be called “Internet of things for the Smart Grid” and would include three classes equaling 32 weeks of instruction, taught in collaboration with Bill Saichek of the Computer Information Science Department.

The first class is one that is already taught called “Internet of Things.” the second is a new proposed class called “Internet of Things Conditional Logic” and the third “Internet of Things Auto Demand Response”. The suite of classes would teach a student to leverage real-time energy pricing from the utility to control devices at lower energy cost times. How to leverage weather data to make the amount of time a pool pump runs more energy efficient. Starting January 1st in the state of California it is the building code that requires every commercial and industrial building to have this Open ADR (Automatic Demand Response). This program will be a welcome addition for the utility companies that are looking for the next generation of installers for this technology.

- The Committee approved the development of this Program without objection.

VII. Summary of Recommendations

- The Committee approved all proposed changes to existing courses, certificates/degrees, and programs. They also approved Steve Lee’s proposed Internet of Things for the Smart Grid Certificate.
- The Committee approved recommendations to assist economically disadvantaged students.
- The Committee suggested creating a student database that could automatically track student success outside of transfers, certificates, and degrees.
- It was recommended by Steve the Committee to meet more than once a year, and this was unanimously agreed upon.

VIII. Closing Remarks

Max and Oscar thanked everyone for coming, their time, input, feedback and ongoing support for our program. The meeting adjourned at 8:40 pm