Construction Tech Spring Advisory Meeting

25 April 2018

**Meeting Notes**

1. **RSVP/Introductions:** Amado Vela, Chris Piercy, Mike Davis, Kurt Chapman, Josh Rees, Matt Wells, Cathy Abbott, Mark Clair, Brock Baziak, Bruce Painter, Paul Deel, Joe Jones, Nord Embroden, John Morales, Scott Tober, Richard Spencer, and Anthony Bonato.
2. **Certificates**.
   1. Discussion:
      1. Less than 18 units: “Certificate of Career Preparation
      2. 18+ units “Certificate of Achievement”
      3. Both sets must be re-submitted, campus-wide. Implications:
         1. Appropriate Career Preparation vs. Length of Study
         2. Financial Aid
         3. Perkins Funding
      4. Professional/Management Certificates:
         1. Construction Technology --- submitted to Chancellor’s Office as previously approved.
         2. Building Construction --- to be submitted as previously approved
         3. Building Inspector --- modified upon further discussion with local building and safety department review (Hesperia and Adelanto)
            1. Approved the following classes as required (32.5 units):

CT 101 Careers in Construction

CT 106 Materials of Construction

CT 110 Building Codes and Zoning

CT 111A International Building Code 1

CT 111B International Building Code 2

CT 112 Uniform Mechanical Code

CT 113 Uniform Plumbing Code

CT 114 National Electric Code

CT 115 Technical Office Procedures & Field Inspection

CT 131 Computer Applications for Technology

ENDG 103 Blueprint Reading for Construction

* + - * 1. Approved for “One of the following classes required”(2-3 units):

CT 105 Technical Sketching

CT 107 Technical Math

CT 116 Construction Safety

* + - 1. Construction Management: to be submitted as previously approved
      2. Public Works:
         1. Approved the following classes as required (32.5 units):

CT 101 Careers in Construction

CT 103 Construction Management

CT 104 Construction Law

CT 106 Materials of Construction

CT 116 Construction Safety

CT 131 Computer Applications for Technology

CTPW 111 Introduction to Public Works

CTPW 112 Plan Reading for Public Works

CTPW 113 Public Works Inspection

CTPW 114 Public Works Administration

* + - * 1. Approved for “Two of the following classes required”(6-7 units):

CT 123 Surveying

CTPW 115 Street and Highway Construction

CTPW 116A Water Distribution Systems

CTPW 117 Portland Cement Concrete

CTPW 118 Solid Waste Management

CTPW 119 Wastewater Operations

* + - * 1. Approved for “One of the following classes required”(2-3 units):

CT 105 Technical Sketching

CT 107 Technical Math

ENGD 103 Blueprint Reading

* + - 1. CT 131
         1. Change course title from “Microcomputers” to Computer Applications for Technology
         2. Update computers, monitors, and software to support and reflect current/relevant industry needs:

AutoCAD 2018 (CT 131)

Sage-Timberline Estimating Software (CT 131, CT 132, and CT 133 courses)

* + 1. Technical/Trade Certificates:
       1. Basic Electrician Technician
          1. Approved the following classes as required (27.5 units):

CT 101 Careers in Construction

CT 107 Technical Math

CT 114 National Electric Code

CT 116 Construction Safety

CT 1XX Electrical Motors

CT 119 Electrical Calculations

CT 120A Electrical Wiring

CT 120B Commercial Wiring

CTMT 122 Electrical Repair

KIN 102 First Aid, AED, and

* + - 1. Basic Heating, Ventilation, Air Conditioning, and Refrigeration Service Technician Certificate
         1. Approved the following classes as required (27.5 units):

CT 101 Careers in Construction

CT 107 Technical Math

CT 112 Uniform Mechanical Code

CT 116 Construction Safety

CT 118 Electrical Motors

CT 122A Heating and Air Conditioning

CT 122B Commercial Refrigeration

CT 122C Heat Pumps Fundamentals/Controls

CT 136 HVAC Circuits and Controls

* + - 1. Plumbing Technician Certificate
         1. Approved the following classes as required (24.5 units):

CT 101 Careers in Construction

CT 105 Technical Sketching

CT 107 Technical Math

CT 113 Plumbing Code

CT 116 Construction Safety

CT 124 Plumbing

CT 1XX Plumbing Topic I

CT 1XX Plumbing Topic II

CTMT 121 Plumbing Repair

* + - 1. Residential Maintenance Certificate
         1. Approved the following classes as required (20.5 units):

CT 101 Careers in Construction

CT 105 Technical Sketching

CT 113 Plumbing Code

CT 116 Construction Safety

CT 122A Heating and Air Conditioning

CTMT 120 Residential Maintenance and Repair

CTMT 121 Plumbing Repair

CTMT 122 Electrical Repair

* + - 1. \*Basic Framing and Carpentry Certificate
         1. Approved the following classes as required (26.5 units):

CT 101 Careers in Construction

CT 106 Materials of Construction

CT 107 Technical Math

CT 111A International Building Code 1

CT 116 Construction Safety

CT 121 Finish Carpentry

CT 127 Framing

CT 130 Residential Remodeling AND

CTPW Plan Reading for Public Works **OR** ENDG 103 Blueprint Reading for Construction

* + - 1. \*Basic Concrete and Masonry Certificate
         1. Approved the following classes as required (24 units):

CT 101 Careers in Construction

CT 105 Technical Sketching

CT 106 Materials of Construction

CT 107 Technical Math

CT 111A International Building Code 1

CT 116 Construction Safety

CT 125 Concrete and Masonry Construction

CT 126 Introduction to Brick and Block

ENDG 103 Blueprint Reading for Construction

* + - 1. Basic Woodworking Certificate
         1. Tabled discussion for further development
      2. ~~Renewable Energy Certificate~~ . . . replace with a Green Building Certificate
      3. Photovoltaic Certificate
         1. Approved the following classes as required (22.5 units):

CT 101 Careers in Construction

CT 107 Technical Math

CT 114 National Electric Code

CT 116 Construction Safety

CT 120A Electrical Wiring

CT 142 Renewable Energy

CT 144 Photovoltaic Systems and Installation

1. **Meetings**.
   1. Pre-scheduled?
   2. 2-3 Short &Focused + 1 General Meeting?
   3. Program Leaders?

1. **Caps**.
   1. General Discussion
   2. Proposed Changes
2. **Admin**.  Al being gone has opened up a lot of challenges.  Let’s talk about them.  Let’s figure out how to make things run smoother for you.
   1. Copier
   2. Carts
   3. Equipment/Supplies
   4. Housekeeping
   5. Pre-Semester responsibilities: Syllabi, Keys, Book Adoption

5.       **Other**.