

Victor Valley College Regional Advisory Meeting Notes

11/30/17

Introductions:

Tony Bonato: VVC Construction Tech Dept. Chair.

Final reading/approval of the following industry certification:

1. Construction Technology
2. Building Construction
3. Building Inspection
4. Public Works
5. Construction Management

Scott Williams: Regional JPA ,

Final coordination of upcoming VVC-hosted high school construction competition

Robert Cramer: Barstow, Construction Program

Matt Wells: Snowline Administrator

Blake Robbins: VVC Instructor and AVHS Administrator

Brock Baziac: VVHS Instructor, Construction Program

Josh Rees: AVHS Instructor, HS Instructor, Construction Program

Jacob Klesspies: member of the Carpenter's Union

Mike Davis: Serrano HS Instructor, cabinetry program

Cameron Hill – Cabinet-maker

Kevin Riese – Manufacture of finished wood products, plaques, aluminum, etc.

Paul Deel --- Plumbing Contractor, VVC Instructor

Bruce Painter --- General Contractor, VVC Instructor

Richard Spencer --- VVC Instructor

Logan Olds --- General Manager, Victor Valley Waste Water Reclamation Authority

Discussion:

- A. We had a wide-ranging discussion over the construction certificates. These certificates have been discussed over 14 months formally and informally. The following certificates and their associated classes were agreed upon:

1. **Construction Technology Certificate** is composed of the classes to build a fundamental skillset for construction managers/coordinators and includes the following classes. The

other more specialized certificates discussed will build upon the Construction Tech Certificate, which will consist of the following:

CT 101 Careers in Construction

CT 105 Technical Sketching

CT 106 Materials of Construction

CT 107 Technical Mathematics (It was decided to drop CT 108 Advanced Technical Mathematics as an option because it is redundant to CT 107)

CT 116 Construction Safety

CT 131 Computer Applications for Technology (It was decided to change the course name from "Microcomputers" because the current name is confusing and not properly descriptive)

CIDG 103 Blueprint Reading for Construction.

2. **Building Construction Certificate** is a stackable certificate on top of the Construction Technology Certificate. Together, they prepare students for building supervision careers including job-site superintendent, project manager, and trade or general contractor. It requires the Construction Technology Certificate and the following classes:

CT 132 Construction Estimation

And Two of the Following:

CT 120A Electrical Wiring

CT 120B Commercial Wiring

CT 121 Finishing Carpentry

CT 122A Heating and Air Conditioning

CT 122B Commercial Refrigeration

CT 123 Surveying

CT 124 Plumbing

CT 125 Concrete and Masonry Construction

CT 127 Framing

And Seven Units of CT 60 A-D Lab and/or CT 148 Special Topics

3. **Building Inspection Certificate** is a stackable certificate on top of the Construction Technology Certificate. Together, they prepare students for building inspection careers including building and safety inspector, private inspector, and entry-level deputy DSA inspector. It requires the Construction Technology Certificate and the following classes:

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 Electrical Code
CT 115 Technical Office Procedures & Field Inspection

4. **Construction Management Certificate** is a stackable certificate on top of the Construction Technology Certificate. Together, they prepare students for careers in construction management including construction manager, project manager, and estimator. It requires the Construction Technology Certificate and the following classes

CT 103 Construction Management
CT 104 Construction Law
CT 109 Construction Financing
CT 110 Building Codes and Zoning
CT 132 Construction Estimation
BADM 103 Financial Accounting

5. **Public Works Certificate** is a stackable certificate on top of the Construction Technology Certificate. Together, they prepare students for careers in public works administration, including waste water operations, water distribution/treatment, solid waste management, public works project manager, and street and highway construction. It requires the Construction Technology Certificate and the following classes:

CTPW 111 Introduction to Public Works
CTPW 112 Plan Reading for Public Works
CTPW 113 Public Works Inspection
CTPW 114 Public Works Administration
And 2 of the following:
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 Management

- B. We finalized the details of the upcoming VVC-hosted High School Construction Competition for Dec 12th. The materials are on order, and the project plans have been sent out. The event will start at 8:00 a.m. and go through 3 p.m.

Next meeting: Spring 2018

Signed: _____



Date: 1 Dec 2017

Anthony R. Bonato
Construction Tech Dept. Chair