



CCFC 16th Annual Conference
Finding the Silver Linings in an Economic Crisis

Tuesday, November 3, 2009
10:25 a.m. – 11:40 a.m.

Cost Cutting Measures in Construction Projects (202)

Paul Rayburn, Orbach Huff & Suarez LLP

This presentation will provide ideas for managing and controlling costs on construction projects. The program will focus on ways to reduce costs in the performance of contracts for contractors, architects, construction managers and other construction related consultants. Topics to be covered include effective use of constructability reviews, electronic data management programs, areas of "hidden" costs, and proactive management and mitigation of costs and claims.

Developing BIM Standards (203)

Richard Nowicki, NTD Architecture

As Building Information Modeling (BIM) becomes the technology of choice for documentation, process and deliverable standards must be generated for the product to remain useful throughout the life of the facility. How are districts approaching the coordination of this emerging topic?

Practical and Legal Aspects of Energy Independence - Moving Toward Net Zero (204)

Patrick Gunn, Atkinson Andelson Loya Ruud & Romo

This workshop will explore both practical and legal aspects of working toward "net zero" energy independence through comprehensive measures, from energy efficiency to developing energy generation facilities. Under the prevailing policy regimes at the state and federal levels, focus and funds are being directed toward energy efficiency for public education institutions, including options for developing independent electrical generation facilities, chiefly through use of renewable sources such as photovoltaics. Investments in energy efficiency and renewable production can help control energy costs, reducing energy as a line item in the general budget toward "net zero" and stabilizing future energy expenditures. Our panel will discuss practical and legal issues to be addressed in the drive toward "net zero."

Department of Finance Perspective (104/105)

Susan Yeager, California Community College System Office

Department of Finance staff will provide an overview of the state capital outlay process. The role of the Public Works Board, project scope, and current issues with state bond financing will be discussed.

Retro-Commissioning - Bringing New Life to Existing Mechanical Systems (103)

Lance English, Southland Industries

Retro-commissioning - A systematic process for investigating an existing building's HVAC system, to identify operational improvement, achieve energy savings, and improve occupant comfort. The process focuses on the operation of mechanical equipment and related controls and is intended to optimize how equipment operates as an integrated "SYSTEM".



CCFC 16th Annual Conference
Finding the Silver Linings in an Economic Crisis

Tuesday, November 3, 2009
2:00 p.m. – 3:15 p.m.

Too Small for Design-Build? Think Again... Benefits of Using Design-Build for Concurrent Renovation Projects (202)

Vern Miller, Charles Pankow Builders, Ltd.

Traditionally, Design-Build delivery has been reserved for new construction and large-scale renovation projects. Why not try it for small, concurrent renovations to adjacent buildings? The obvious advantage is that the District hires only one contractor. Some of the many challenges include how to coordinate the construction sequencing or engaging DSA in this collaborative delivery approach. The San Mateo County Community College District recently embarked on an ambitious project at College of San Mateo that bundled interior renovations to five structures under one Design-Build contract. In this workshop we'll share the advantages of having one Design-Build team oversee a series of complicated modernizations - and we'll provide lessons learned from the perspective of the District, the contractor, and the architect.

New Alternative Energy Technologies (203)

Alex Leon, Vanir Construction Management Inc.

While energy surrounds us in all aspects of life, the ability to harness it and use it for constructive ends as economically as possible is a major challenge facing all of us. The renewed interest in this field of study comes from the undesirable effects of pollution both from burning fossil fuels and its by-products. Fortunately, there are many means of harnessing energy which have less damaging impacts on our environment. In this session, we will be discussing the latest cost effective technologies and financing options that are available.

Topics include:

- Solar photovoltaic (PV) – latest developments in the photo voltaic space
- Solar Thermal (ST) – latest developments in providing hot water, heating and cooling, using “adsorption” chillers vs. absorption and integrating with solar thermal technology
- Geothermal Technology
- Financing Options through Power Purchase Agreements



CCFC 16th Annual Conference
Finding the Silver Linings in an Economic Crisis

Tuesday, November 3, 2009
2:00 p.m. – 3:15 p.m.

LEED: Good Intentions, But No Guarantees! (204)

John Salas, Salas O'Brien Engineers, Inc.

The moderator will uncover a story of a new science building designed and constructed to achieve LEED certification. The constructed building was plagued by so many noise and pressurization problems that it had to undergo a \$5 million repair with two years of occupancy! Learn how, in part, the LEED process helped to identify the problems, but didn't guarantee a functional building. Rather initial design decisions and even various fixes created intolerable problems in a new building. Ultimately the \$5 million fix resulted in LEED compliance and successfully operating biology and chemistry programs. Because of the subsequent lawsuit, there is more than normal documentation with which to describe specific problems and solutions. The discussion will describe what to look for in ANY science building design, during construction and curing commissioning and the drastic corrective and legal actions required when even good intentions go bad.

State Capital Outlay Funds, Part A - How to Get Them (104/105)

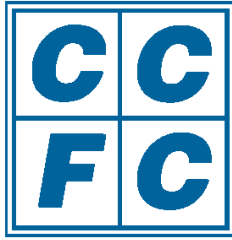
Mary Just, California Community College System Office

An overview of the state capital outlay budget process by Chancellor's Office staff. This workshop will be presented in two sessions. This session (Part A) will cover the process prior to state funding such as 5 year plans, IPPs, FPPs, priority criteria, and leveraging local funds to enhance project eligibility. The second session (Part B) will cover the process after state funding is approved. We will discuss project administration and explain appropriation shelf life, fund releases, scope changes, State PWB approval process, bid authorizations, bid awards, and equipment releases.

ADA. You've Heard It All Before and Know the Drill. So Why are There Accessibility Blunders on New Projects? Learn to Identify and Avoid Them to Achieve Facility Success (103)

Barton Anderson, PBWS Architects

A panel of experts, including a DSA-approved Certified Access Specialist (CAsp), will test the audience's knowledge of design and construction errors involved in ADA litigation, demonstrating how the CAsp program can mitigate these errors in the future. Districts can and do pay the high price of accessibility violations, even at newly-constructed schools with DSA approved plans and IOR scrutiny. The panel will present lessons learned from public education projects under a current modified consent decree. This will be a fun and interactive presentation.



CCFC 16th Annual Conference
Finding the Silver Linings in an Economic Crisis

Tuesday, November 3, 2009
3:25 p.m. - 4:50 p.m.

Can You REALLY Do It All? Is It Possible to Attain Success in Design-Build, Achieve Quality Design, and Obtain LEED Certified Buildings at a Community College Campus? (202)

Sylvia Kwan, Kwan Henmi Architecture / Planning Inc.

When the Community College District of San Mateo passed their bond in 2006, they made a commitment to fine tune their design-build delivery system in order to accommodate the goal of LEED Silver buildings. Working with the team of McCarthy Construction, LPA, Inc., and Kwan Henmi Architects, they proceeded to prove that it was possible. Both the new Health and Wellness (5N) and Student Services Buildings (10N) are under construction with 5N scheduled to be complete December 2009, and both are on track to attain LEED Silver rating. And they are of the highest design quality. Find out how the District, contractor and architects are successfully meeting this daunting challenge.

California Construction Costs – Q3 2009 - Digging for Light at the End of the Tunnel (203)

Rod Round, LPAS

LPAS and Cumming Corporation will present Cumming Corporation's market forecast discussing the cost volatility we are currently experiencing and an analysis of global, national, regional and local market factors and the current market effect on regional construction activity. The presentation will include discussion on the market's economic opportunity for owners contemplating construction, using the appropriate project delivery method, and the double-edged sword of competitive bidding in a down economy.

New Buildings, New Maintenance and Operations Expense - Strategies to Minimize Impact to Your Annual Budget (203)

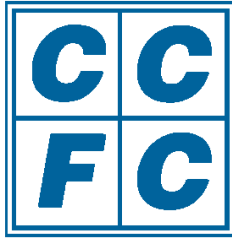
Kris Kay, gkkworks

This workshop will explore the Maintenance and Operations expense of new buildings and strategies to minimize the impact of your annual M & O budget.

FUSION Program (104/105)

Greg Owsley, Foundation for California Community Colleges

An overview of recent updates and additions to the FUSION program for 2009. Staff changes, software updates, status of Facilities Assessments.



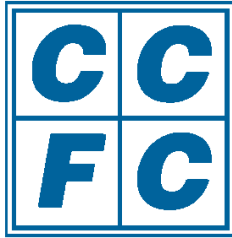
CCFC 16th Annual Conference
Finding the Silver Linings in an Economic Crisis

Tuesday, November 3, 2009
3:25 p.m. - 4:50 p.m.

CCC/IOU Program (103)

Dan Estrada, California Community College System Office

The CCC/IOU Partnership has been very successful in helping the California Community Colleges achieve economic and environmental sustainability through energy efficient construction and operation of facilities. As the new program cycle begins, the Partnership will focus on new initiatives to take the CCC's to the next level of energy efficiency: New Construction Design Assistance, Monitoring Based Commissioning (MBCx), cutting-edge technologies, and creative energy incentive structures will be presented, and Best Practices will be showcased from the 2006-2008 Partnership by your Community College peers. Don't miss this presentation if you want to learn how the Partnership can help you on the path to sustainability!



CCFC 16th Annual Conference
Finding the Silver Linings in an Economic Crisis

Wednesday, November 4, 2009
9:15 a.m. - 10:30 a.m.

Decentralization: How do Community College Districts Respond to Growing Populations and Extend Their Geographic Reach? (202)

Cheryl Lentini, Beverly Prior Architects

The state predicts significant growth in community college enrollment during the next decade. In the state of California, 78% of growth in higher education will occur in the community college system. How can individual Districts meet these needs when they are operating at capacity from a few centralized locations within their region that are out of geographic reach of their growing populations? With funding scarce and areas of growth uncertain, what can Districts do to successfully meet their students' needs and provide the facilities necessary to deliver education to their communities? What strategies can Districts develop to take advantage of the variety of funding sources that are available for capital improvements to expand their reach within their territories? This workshop will present a series of case studies from different Districts throughout California, exploring how each of these Districts has begun to address its needs through the development of outreach or satellite centers, additional colleges, or delivery of education through facility leasing agreements. Presenters will include Dr. Angela Fairchild, President, Woodland College, Yuba CCD and we anticipate representatives from two or three other districts throughout California who have faced the same challenges to also participate.

Painless CEQA Compliance for Community College Districts (203)

Mark Kelley, Miller Brown & Dannis

Compliance with the California Environmental Quality Act cannot be overlooked, but it doesn't need to be traumatic, either. Hear from experienced CEQA lawyers and a district veteran of CEQA on how to plan and execute CEQA compliance with minimum cost, effort, and disruption.

Collaborative Process and 2010 California Building Code for Community Colleges (204)

David Thorman, Division of the State Architect and Frederick Harris, California Community College System Office

Do you want to learn more about opportunities to work collaboratively to ensure project success? In this session, the Division of the State Architect staff will provide up-to-the-minute information on the implementation of the Collaborative Process for Project Development and Review and the 2010 California Building Code Standards for Community Colleges. This alternative to the traditional plan review and approval process provides opportunities for the Division of the State Architect, and community college districts and their design professionals, to collaborate on their projects beginning at project development and continuing through project approval and utilize the new streamlined structural standards for community colleges.



CCFC 16th Annual Conference
Finding the Silver Linings in an Economic Crisis

Wednesday, November 4, 2009
9:15 a.m. - 10:30 a.m.

State Capital Outlay Funds, Part B - How to Keep and Spend Them (104/105)

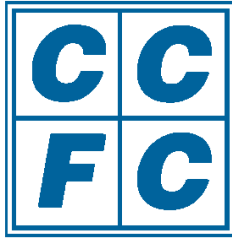
Susan Yeager, California Community College System Office

An overview of the state capital outlay budget process by Chancellor's Office staff. This second session of two (Part B) will cover the process after state funding is approved. We will discuss project administration and explain appropriation shelf life, fund releases, scope changes, the State PWB approval process, bid authorizations, bid awards, and equipment releases.

10 Ways to Make Your Campus Safer and More Secure (103)

Brian Smith, Ingersoll Rand Security Technologies

A non-product specific workshop on 10 things a community college can do to address the unique security challenges that they face.



CCFC 16th Annual Conference
Finding the Silver Linings in an Economic Crisis

Wednesday, November 4, 2009
10:45 a.m. - Noon

Get Lean, Go Green! How Lean Construction, Integrated Project Delivery and LEED can Help You Optimize Project Results and Maximize Efficiencies (202)

Dave Umstot, San Diego CCD

Learn how California's second-largest community college district is leveraging lean construction, integrated project delivery and green buildings for on time/on budget projects that have increased value, reduced waste, and optimized efficiencies and performance.

This session will also provide suggestions on how to build highly effective collaboration among the owner, designer, and prime builder that starts at project programming and runs through to project completion, using a project example from San Diego City College.

Delivering a College Center Through the Vision of a Public/Private Partnership (203)

Kelly Reynolds, Stafford King Wiese Architects

The Sacramento City College, Davis Center is the epitome of strategic collaboration among public and private partners. The Davis Center is a satellite education complex of Sacramento City College and will provide post-secondary education in a contemporary 21st century student-centered environment. Located within the University of California, Davis' West Village complex, this new community college center is the collaboration and realization of the creative visions of Los Rios Community College District, the University of California, Davis, and a private developer - Carmel Partners. The West Village development models modern urban thinking and includes a cohesive mix of residential living, recreation, and a retail and civic town center, and may eventually include a charter high school adjacent to the future home of the Davis Center. The atmosphere of the West Village complex will provide enhanced amenities to the Davis Center, far beyond the community elements typically realized at a satellite college center.

Developing a Climate Action Plan (204)

Bruce Rich, Parsons Brinckerhoff

This workshop will describe how to develop a Climate Action Plan to reduce your District's Green House Gas (GHG) emissions to help meet the State's AB 32 targets. The panel will review the sources of GHG, how to calculate your District's GHG generation and methods to reduce your District's GHG emissions. They will discuss how SB 375 legislation may require a Climate Action Plan as part of the CEQA process.



CCFC 16th Annual Conference
Finding the Silver Linings in an Economic Crisis

Wednesday, November 4, 2009
10:45 a.m. - Noon

California Community College Geographic Information Systems (CCC GIS) Collaborative (104/105)

John Roach, Foundation for California Community Colleges

Combining community college mapping tools with live data feeds from a growing number of online sources is greatly expanding the utility and accessibility of information needed to run our colleges and serve our communities.

Sustainable Site Design (103)

Jim Grossi, CSW/Stuber-Stroeh Engineering Group Inc.

Panelists will describe elements of a "sustainable" site and how to successfully incorporate them into Campus Improvement Projects. These elements include measures to improve storm water runoff, to generate onsite energy, to conserve energy, and to select materials that minimize environmental impacts. Panelists will include engineers to relate experiences of implementing these sustainable measures on a community college in Northern California.