



KENNEBEC VALLEY COMMUNITY COLLEGE

**Sustainable Construction Program Advisory Committee
MEETING MINUTES**

Date: May 1, 2017
Time: 8:00 AM - 9:30 AM
Place: Moody Chapel Conference Room

Present: *Mark Champagne, Ellen Gibson, Garvan Donegan, Ashley Richards, Hans Albee, Katherine Carlson, Matt Miller, Ken Coville, Christi Mitchell, Beth Fisher, Elizabeth Fortin, Kurt Klappenbach, Roberta Santilli, Kathy Englehart*

Absent: *Rick Hopper, Bjarki Gunnarsson, Amy Hinckley, Andrew Soule, Sandor Nagy, Tug McDonald, Tom Twist, Dan Kolbert, Bobby Deetjan, Kim Lindlof, Greg Fletcher, Dean Dolham, Nicole Rogers*

| TOPIC | DISCUSSION | ACTION |
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| Introductions and Welcome | <p>Scott noted that relationships and discussions around the committee table, in person, via email and phone have all been extremely influential on developing talking points and how to package/brand the program, short term program revisions, and long term development of programs, and identification of viable career paths</p> <p>Kurt noted brief evolution of program and amount of expenses to date to indicate the amount of thought and investment in this program and how much success will depend upon community influence. We are grateful for attendance and support. Large advisory committee compared to most programs. Acknowledged great work of Roberta Santilli and Elizabeth Fortin.</p> | <p>NA</p> <p>NA</p> |
| Noteworthy Updates | <p>Brand development: We offer all of the fundamentals of building with an introduction to advanced concepts that hint at better ways to build in Maine, beyond code minimum.</p> <p>Our timber frame component is method of carpentry to teach appreciation and skills both in fine carpentry and framing. We are developing craftsman as well as builders.</p> <p>Sustainability as it applies to house construction and this program is centered around using local materials, preservation of what already exists, energy efficiency, renewable energy use, and structural integrity.</p> <p>Program revisions: We have made some minor tweaks</p> | <p>NA</p> |

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| | <p>to individual courses/curriculums:</p> <p>1) Architectural History: Restoration has been redeveloped to be more applicable to both the general student population as well as students in Sustainable Construction. The course is now HIS104: Architectural Style and Construction in New England relating major historic and cultural changes to building materials, design, and construction methods. One of the goals is for students to gain an appreciation for architecture and construction, ultimately preservation and restoration as well.</p> <p>2) Structural Engineering: we are seeking to revise this syllabus to include more basic concepts in structural engineering, broaden material study beyond timbers, and take out advanced concepts such as analysis of trusses and moments of inertia.</p> <p>3) Passive Solar Design has been changed to Passive Building Design in order to broaden the topic from solely one building model to be a general study of insulation, fenestration, orientation, foundation, etc.</p> <p>Enrollment: We currently have 5 Accepted Students, 6 Applications in Progress, and 1 Prospect, which is decent for this time of year. We should see much more activity in the summer months.</p> <p>Internships: Opportunities in the works (most solidified, some pending) for our current students summer internships are with Houses and Barns by John Libby, Barn Boards and More, Duratherm, Ganneston Construction, Adirondack Chair Company</p> <p>Use of Funds: To Date, Last Year</p> <p>Personnel and Fringe 97K,91K Travel and PD 4K, 3K Supplies / Equip 60K 85K Renovations 150K Other 6K, 2K Indirect 29K, 37K Total 347K, 218K Other support 230K</p> | |

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| <p>Breakout Groups</p> <p>(Open questions on program development to be more marketable to students and certifications to be more attractive to industry)</p> <p>Long term development of program focus</p> <p>Education Pathways</p> <p>Course order</p> <p>Credentials</p> | <p>Think about heading more into the direction of residential carpentry as a specific subject matter and include stick framing to be more attractive to industry, although our students will be very well rounded already.</p> <p>Make "Safe Work Practices in Timber Framing" a direct transfer credit articulation from CTE's.</p> <p>Continue to develop relationships and become an advocate/player in being a direct link in the CTE to Associate's Degree to Industry pathway. Work aggressively with CTE's to transfer. There is a disconnect on what we are teaching in technical school to college. Some CTE's are high performers and some are not. All are supposed to use NOCTI and assessments are supposed to be implemented through the state.</p> <p>Construction/carpentry courses and Building Envelope courses to be split across two years. Could have two tracts: one conventional carpentry, one timber frame carpentry.</p> <p>Architectural History to Semester II, bump Intro to Communication down to 2nd Year</p> <p>Bring Design Studio down to Semester I and move Technical Writing to Semester II</p> <p>Consider offering a few credentials as requirements embedded in the curriculum as well as more options through business and industry offerings at KVCC in the</p> | <p>Consider for evaluation at the end of first cycle of program in spring 2018</p> <p>Procure curriculum from Beth Fisher and other CTE's like MMTC on what the current model is.</p> <p>Work with Beth Fisher, gather data on what CTE's nearby use for standards and assessments.</p> <p>Consider for evaluation at the end of first cycle of program in spring 2018</p> <p>Consider for evaluation at the end of first cycle of program in spring 2018</p> <p>Consider for evaluation at the end of first cycle of program in spring 2018</p> <p>Continue to collaborate with B&I to find specific course</p> |

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| Other | <p>summer, January, and evening</p> <p>Examples are BPI certification, lead abatement, Passive House Construction</p> <p>Advanced classes for business owners or construction supervisors in how to run a business, become a project manager, read blueprints, etc. There are already courses out there, this could be repackaged as a Construction Industry Supervisor. There are good carpenters out there who build multi million dollar homes but have no idea how to run a business.</p> <p>We could repackage our degree program as two certificates 1) first year and 2) second year for advanced</p> <p>Team building should be incorporated into courses in program.</p> | <p>offerings to launch Fall evenings or January break.</p> <p>Set up meeting with Associated General Contractors of Maine.</p> <p>Seek out 1st year of program as certificate option through the Timber Framers Guild</p> <p>Work with Marjorie York at KVCC to package Small Business Basics as applicable to the trades and other programs like Culinary Arts.</p> <p>This is a requirement as essential learning outcomes and will be evaluated as the program matures.</p> |
| Next Year | <p>Meeting will likely take place in late fall or winter. We are required by the system to have officers. Ashley Richards will act as Chair, Katherine Carlson as Vice-Chair, and we are still seeking Secretary role.</p> | <p>Will follow up fall with committee but also work one on one as an ongoing relationship.</p> |

Respectfully submitted,

Scott Lamer
Sustainable Construction Program Coordinator