Green Interior and Architectural Design Advisory Committee Meeting Minutes

CHAIRPERSON: Stefanie Wagoner, Chair		
MEETING DATE: Friday, November 15, 2013	MEETING TIME: 7:30 AM	MEETING PLACE: PRC, L 215 A
RECORDER: Dave Galley		PREVIOUS MEETING: Friday, April 12, 2013

MEMBERS PRESENT: (Yes/No) OTHERS PRESENT: (Yes/No)

	Name and Title		Name and Title		Name and Title
Y	Debbie Fuller HOK Architecture	Y	Tripat Baweja Principal Owner Interiors EURWAY	Y	Ali Kholdi Professor Collin College
Y	Stefanie Wagoner Director of Business Retention & Expansion Frisco (The Green City) EDC (Economic Development Corporation)	Y	Michelle Long Office of Sustainability- Commercial Recycling Coordinator City of Plano	Y	Hina Asif Associate Professor Collin College
N	Judy Pantello Marketing Manager FMG- Furniture Marketing Group	N	Sandra Hefferan Senior Manager Quest Recycling	Y	Larry Maughan Co-op Coordinator Collin College
Y	Mark Condry Division Manager FSG Lighting DFW	Y	Michele Hurst Senior Project Manager, Transwestern Commercial Real Estate and Owner, Interior Architects	N	Pete Brierley Professor Collin College
Y	Carole Jernigan Interior Design Teacher Allen High School	Y	Bryan Humphreys Principal Consultant Pathway Enterprises	Y	Dave Galley Director of Engineering Collin College
		N	Sheryl Sutphen Design Teacher Plano ISD	N	Gena Martin TDC Coordinator Collin College
				Y	Melody Snow STEM Engineering Collin College
				Y	Kate Smith Lead Technical Advisor Collin College

				N	Jon Hardesty STEM Dean Collin College

Agenda Item	Action Discussion Information	Responsibility
Old Business:	Living Green Expo Event Participation	Ali Kholdi
	Incorporation Of REVIT Into Program	Ali Kholdi and All
	"What Can Students Do With This Degree?"	Debi Fuller
Continuing Business	Committee Member Introductions	All
	Engineering Department Enrollment Numbers	Dave Galley
	Green Interior and Architectural Design Curriculum Overview	Ali Kholdi
	Industry Trends: Interior Design	Michele Hurst and Mark Condry
	Industry Trends: Green Design	Stefanie Wagoner, Michelle Long and Debi Fuller
	High School Alignment	Carole Jernigan and Dave Galley
	Appropriate Certification For Students	All
	Suggested Outreach	All
New Business:	Program Focus and Advertising	All
Curriculum Decisions:	60 Hour State Mandate For Associates Degrees	All
Other:	N/A	

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Key Discussion Points	Discussion
Old Business:	
	Living Green Expo Event Participation: For the third year in a row, Ali and the students plan to participate again on Saturday, April 12, 2014.
	Incorporation Of REVIT Into Program Instead of ArchiCAD: This item was tabled until the Spring 2014 meeting. At that time, we will have worked through the 60 hour state Associates Degree mandate.
	"What Can Students Do With This Degree?": At the previous meeting, Kate Smith indicated that she and Dave are hearing students in the program ask: "What Can Students Do With This Degree?" Dave has tasked Ali with answering this question. Everyone else was asked to ponder the variety of ways that students can move forward in the labor market with this degree. As planned at the previous meeting, at this meeting, Debi Fuller presented a list of job titles and opportunities for students (see attached). This item is closed. However, it was agreed that as the program struggles, we need to find new avenues for our students in areas of enhanced design techniques and drafting skill sets.
Continuing Business:	Engineering Department Enrollment Numbers: Dave reviewed the growth of the Engineering Department's enrollments (currently flat at ~1700 enrollments) and the fact that the Green Interior and Architectural Design area's enrollment is continuing to trend down. The program peaked in Fall 2011 at 155 enrollments. At present, the enrollment is off by 10% more and is at 81 enrollments this semester.
	Green Interior and Architectural Design Curriculum Overview: Ali and Dave reviewed the current curriculum. Due to the state mandated 60 credit hour rules, there will be a larger discussion on curriculum decisions later in the meeting.
	Industry Trends: Interior Design: The industry was characterized by Mark, Debbie, and Michele to continue to be slow. The jobs relatively scarce. Sales and contracts are flat.
	Industry Trends: Green Design: Stefanie indicated that the building part of the economy is coming back quickly in Frisco. There are signs that during the next year things will be very healthy. She announced that there are two buildings that are going up. One is a 200,000 sq. ft. LEED certified structure. The other is 250,000 sq. ft. structure and will likely be LEED certified. These structures are very expensive upfront, but they are being viewed as long term investments. In addition, she confirmed the Dallas Cowboys 61 acre facility in Frisco that has been rumored in recent weeks. In Frisco and the surrounding area, homes are being built that are more energy efficient than in past years as home builders see themselves passing on the cost to consumers in a better market. Michelle is seeing "green attributes" as features in new buildings. She stated that Plano is part of the SMART Energy loans program for home owner retrofits. The program has been well received. Michele discussed the 450,000 sq. ft. USAA facility that is not going for certification due to the need to get the

	facility up and running quickly. Mark described the lighting and retrofit business from the perspective that "Green" is part of the everyday thought process. From where he sits in the lighting business, it is standard, not special today. In the technology of LEDs, there are many remodels (e.g. Starbucks stores) that have started and are gaining speed. The LED technology's focus is a long lifetime and no hazardous materials. In terms of sustainability, the former Walmart Director of Sustainability now works for Mark's firm. He confirmed that code changes are driving the changes that he is seeing. In his view, while Texas has not adopted the ASRAE 2011 code yet, it will be forced to do so soon. This will cause a ripple effect of changes in Texas.
	High School Alignment: Dave discussed the fact that out of the Technical Dual Credit partner ISDs only Allen ISD has an Interior Design program. Carole Jernigan thanked Ali for coming to her classroom to speak about interior design and our program. She stated her classes are not really a feeder for us due to the fact that her class is one that lower performing students and students that don't know what they want to do are put into to "try" Interior Design. She stated that she will be retiring from Allen HS at the end of the Spring semester. At that point, given the response from the new CTE Principal, she believes that Allen ISD will drop Interior Design as a pathway. Dave indicated that the way that other parts of the Engineering program are growing is through Technical Dual Credit (TDC) in the High Schools. This "pipeline to Collin College" is not there for our Green Interior and Architectural Design program. This is a problem in terms of the program's health and growth. Gena and Dave will address this pathway with our new TDC partner, Rockwall ISD.
	Appropriate Certification For Students: As we always request, the group re-confirmed that USGBC LEED Associate certification is a great certification for our students. Ali confirmed his feelings that Certified Green Designer certification was critical to our program's future success. Ali and Dave negotiated the contract for our students to have recommended access to this certification. Dr. Kihl and Dean Hardesty reviewed the plan, the contract, and the organization offering the certification and declined support. The certification is out there for our students individually, but the certification will have no official affiliation with the college.
	Suggested Outreach: Dave requested that industry members consider speaking at the Engineering Evening Speaker Series in the coming semesters. This is a way to draw attention to the program without a cost.
New Business:	Program Focus and Advertising: In the previous Advisory Board meeting, the Advisory Board wanted to be advertising with AIA, ASID, IFMA, IIDA, CREW, CORMET, AGC, BOMA and IREM. This was kept as new business (per the board) as it was hoped that there would be new ideas and a positive response. In between meetings, again it was confirmed that the college does not have a designated budget for this activity. We can only do "free" events. This item is closed.

Curriculum Decisions:	60 Hour State Mandate For Associates Degrees: Dave explained that in most areas of the department courses are being taken down from four credit hours to three credit hours. The contact hours are typically being lowered by one and some of the classwork/lab work is being pushed outside the classroom. This keeps the content relatively the same while meeting the state requirements. In the case of the Green Interior and Architectural Design program, we do not have that option. There are no four credit courses so courses must be removed or combined. The proposal from Ali's and Dave's efforts is to do the following: (reasons were given for each action that are not captured in the minutes) 1/ Delete the Perspectives course (INDS 1271) 2/ Delete the Technical Drafting course (INDS 1319)- place parts of the course in the CADD course (DFTG 1372) and the Basic Elements course (INDS 1301). 3/ Delete the Green Building course (CNBT 2317)- this course had never been taught. 4/ Delete the Green Interiors II course (INDS 2373) and have only one Green Interiors course. 5/ Delete the Residential Design II course (INDS 2335)and have only one Residential Design course. 6/ Incorporate the LEED Certification Preparation course (INDS 1375) as a required course. After much discussion to clarify the state and college requirements as well as the impact on the students, the board agreed to the proposal and requested that Dave put it through CAB as required.
Other:	N/A

CHAIRPERSON SIGNATURE: Stefanie Wagoner	DATE: 3/12/2014	NEXT MEETING: TBD

Green Job Opportunities

In 2007 an environmental advocate, human rights activist, and attorney by the name of Van Jones published a book titled "The Green Collar Economy". He presented his new book and spoke at Greenbuild that year. This was also the year President Clinton was the Keynote Speaker. I have never seen a more engaged and excited audience that that year. Both addressed this new "Green Economy" that brought hope for all the audience. Here is a quick video clip of Van Jones most recent speeches:

http://vimeo.com/38382860

In an article in the NY Times, the question of what is a "Green Collar Job" was addressed. This was the response:

Here's how he defines a green job: ***"It has to pay decent wages and benefits that can support a family. It has to be part of a real career path, with upward mobility. And it needs to reduce waste and pollution and benefit the environment."***
http://www.time.com/time/health/article/0,8599,1809506,00.html

In regards to how the "Green Design" program at Collin can bolster new job offerings I have prepared a list of potential opportunities:

1. Winterization related opportunities (often funding is available through local municipalities)
    a. Consultant
    b. Hands on retrofitting
    c. Sales
2. Sales - Solar screens (often self-employment)
3. Energy Audits and retrofits
4. HERS Rater (need a HERS certification)
5. LEED for Homes Specialist
6. Home Staging for Real Estate Sales
7. Green Interior Design – commercial and residential
8. Contract Furniture Dealership – Design or Sales
9. Home Depot/Lowes – Retails Sales/Design Consultation
10. Sustainable Consultant to a Builder or Contractor – interior finishes, interior design
11. Product sales – furniture, textiles, ceiling systems, tile, stone etc.
12. ReGreen – retrofit of an existing home to make it more energy and water efficient or help with indoor air quality (90% of our housing market is existing – HUGE opportunities)
13. Sales – green materials or products (e.g. alternative PVC flooring products, Low VOC paints and coatings)
14. EWaste – Recycling of electronic waste or coordination of such a program with local businesses, school districts or residences.
15. Reclaimed wood sourcing or sales for reuse in residential or commercial interior spaces
16. LEED documentation specialist for an Architectural firm, Interior Design firm, Owner, General Contractor or Sub Contractor.

17. Sustainable resource sourcing for a General Contractor
18. Sustainable Resources specialists for retail stores such as Lowes and Home Depot that offer DIY products for energy and water conservation.
19. Sales – high efficient windows
20. Sales – high efficient roofing systems
21. Sales – LED lighting
22. Rain water harvesting sales or consultant
23. School Districts Environmental Programs
24. Facilities at major businesses (ie Frito Lay, Texas Instruments, etc.)
25. Green policy writing for an organization or business to help with the operations of a facility
26. Training at a facility such as the Plano Environmental Center

Interesting related resources:

http://greencollarchicago.org/resources/green-collar-weatherization-curriculum/

http://www.treehugger.com/corporate-responsibility/good-paying-green-collar-jobs-growing-in-california.html

http://www.workingworld.com/articles/working-smart-green-collar-jobs

http://makinggreenwork.ellabakercenter.org/what-is-a-green-collar-job/