

PROGRAM PROPOSAL FORM

- Preliminary Approval** – Check here when using this form for preliminary approval of a program proposal, and respond to the items in general terms.
- Final Approval** – Check here when completing this form after the Vice President for Instruction has given preliminary approval to a program proposal. For final approval, complete information must be provided for each item.

<p>Program Name:</p> <p>Division and Department:</p> <p>Type of Award:</p> <p>Effective Term/Year:</p> <p>Initiator:</p>	<p><u>Residential Construction Associates Degree</u></p> <p><u>VC</u> <u>CT Division/Construction Institute (CIND)</u></p> <p><input type="checkbox"/> AA <input checked="" type="checkbox"/> AS <input type="checkbox"/> AAS <input type="checkbox"/> Cert. <input type="checkbox"/> Adv. Cert. <input type="checkbox"/> Post-Assoc. Cert. <input type="checkbox"/> Cert. of Comp.</p> <p><u>Spring 2007</u></p> <p><u>Cristy Lindemann</u></p>	<p>Program Code:</p> <p>ASRC ASRC</p> <p>CIP Code:</p> <p>46.0000</p>
<p>Program Features</p> <p>Program's purpose and its goals.</p> <p>Criteria for entry into the program, along with projected enrollment figures.</p> <p>Connection to other WCC programs, as well as accrediting agencies or professional organizations.</p> <p>Special features of the program.</p>	<p>By creating this degree, the college will be able to offer students an accredited, transferable degree. With the A.S. degree, a student who graduates from WCC will have more job opportunities nation wide.</p> <p>Acceptance into WCC. Student must also score appropriate levels on COMPAS tests to begin program. Currently 170-190 students are enrolled in the existing certificate programs each semester. That number expects to increase with program approval.</p> <p>Accreditation will be supervised by the American Council of Construction Education. They are the only nationally recognized accrediting board. Class curriculum and instructing to be done with the assistance of Michigan Small Business and Technology Center and the Home Builders Association.</p> <p>This program will offer a selection of courses from the basic and advanced certificates. The General Education requirements will be focused on skills graduates of this program will need.</p>	
<p>Need</p> <p>Need for the program with evidence to support the stated need.</p>	<p>The need for this advanced program comes from our student responses to offer more classes that provide assistance for them to make advancement in the construction industry. 50 % of our students are hoping to start their own business, whether it is contracting or property managers, and will need classes discussing contracts and legalities of owning their own business. A degree from a nationally accredited program opens more avenues for WCC graduates to pursue.</p> <p>The industry is lacking trained professionals in certain areas of construction. By offering an associates degree, the students are gaining the skills needed to fill positions higher than entry level.</p>	
<p>Program Outcomes/Assessment</p> <p>State the knowledge to be gained, skills to be learned, and attitudes to be developed by students in the program.</p> <p>Include assessment methods that will be used to determine the effectiveness of the program.</p>	<p><u>Outcomes</u></p> <ol style="list-style-type: none"> Plan and construct a new home from all aspects. Identify and meet all safety regulations throughout program. Construction practices will conform to codes and quality requirements. 	<p><u>Assessment method</u></p> <ol style="list-style-type: none"> Student skills and program efficiency to be assessed by advisory committee visit using departmental rubric

Curriculum	Program requirements for Associates in Science Residential Construction.		
List the courses in the program as they should appear in the catalog. List minimum credits required. Include any notes that should appear below the course list.	CON:		
	104	Residential Construction I	3
	105	Residential Construction II	3
	106	Math, Measurement and Graphics	3
	204	Residential Construction III	3
	205	Residential Construction IV	3
	220	Licensing, Contracts, and Start up	3
	230	Residential Construction Production	3
	255	Concrete and Exterior Finishes	3
	Total		24
	Gen Ed Requirements:		
	MTH 178	General Trigonometry	3
	PHY 105	Conceptual Physics	4
	PLS 112	Introduction to American Government	3
	SPN 111	First Year Spanish	5
	English Composition		6-7
	Social Science (excluding PLS 112)		5-6
	Humanities (excluding SPN 111)		3-4
	Total		29-32
	Required support courses:		
	CMG 130	Construction Site Safety and MIOSHA Regulations Safety	3
	1 Electives		3
	A.S. Total		61
	Budget		
Specify program costs in the following areas, per academic year:		START-UP COSTS	ONGOING COSTS
	Faculty	\$ 5,000.00	\$ 2,000
	Training/Travel	\$ 4,000	\$ 1,000
	Materials/Resources	\$ 1,000	\$ 500
	Facilities/Equipment	\$ 2,000	\$ 1,000
	Other	.	.
		TOTALS:	\$ 12,000

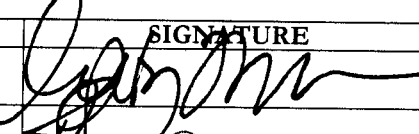

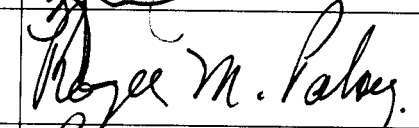
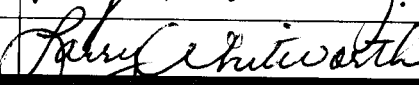
Program Description for Catalog and Web site	This degree will teach students to build a home from the ground up. The program offers a balance of classroom theory and hands on training. Students in this program will also learn how to start up his or her own construction business.
Program Information	Accreditation/Licensure – Possible supplier certificates (James Hardy for siding L.J Smith for Stair building) Advisors – Cristy Lindemann Advisory Committee – John Fingerle Fingerle Lumber, Jackie Scheller MI_sbtde Admission requirements – Standard compass scores Articulation agreements – future goals to have agreements with EMU, FSU, MSU Continuing eligibility requirements – Grading of 75 % or higher to continue

Assessment plan:

Program outcomes to be assessed	Assessment tool	When assessment will take place	Courses/other populations	Number students to be assessed
To be completed when re-writes are approved			All	80%
To be completed when re-writes are approved			All	80%

Scoring and analysis plan:

- Indicate how the above assessment(s) will be scored and evaluated (e.g. departmentally developed rubric, external evaluation, other). Attach the rubric.
The Assessment will be evaluated by department rubrics, the department chair, and external experts.
- Indicate the standard of success to be used for this assessment.
The standard of success will be student performance and retention will be a score of 85% or higher on the departmental rubric.
- Indicate who will score and analyze the data.
Department chair and instructors will blind-score the data.
- Explain how and when the assessment results will be used for program improvement.
Based upon the assessment scoring results, information will be used to determine if students are able to complete the outlined tasks with a score of 85% or higher. If the students fall under this score, faculty will make adjustments to the learning and application components to necessitate improvement.

REVIEWER	PRINT NAME	SIGNATURE	DATE
Department Chair/Area Director	Cristy Lindemann		2/15/07
Dean	Bruce Green		2/15/07
Vice President for Instruction <input type="checkbox"/> Approved for Development <input checked="" type="checkbox"/> Final Approval	Roger Palay	 Roger M. Palay	4/20/07
President	Larry Whitworth	 Larry Whitworth	5/14/07
Board Approval			

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Program Information Report

Construction Technology

Residential Construction (ASRC)

Associate in Science Degree

Program Effective Term: Fall 2007

The Residential Construction program teaches students how to build a home from the ground up. The program offers a balance of classroom theory and hands on training. Students will also learn how to start up their own construction business.

Continuing Eligibility Requirements:

Students must complete all general education and major area requirement courses with a grade of "C" or better.

Students must demonstrate basic computer literacy skills by successfully passing the Computer and Information Literacy Test. The test may be taken at any point during the program, but must be completed before graduating.

General Education Requirements (31 credits)

ENG 111	Composition I	4
ENG 226	Composition II	3
Speech	Elective(s)	3
MTH 178	General Trigonometry	3
PHY 105	Conceptual Physics	4
PLS 112	Introduction to American Government	3
Soc. Sci.	Elective(s)	3
Arts/Human.	Elective(s)*	8

Major/Area Requirements (30 credits)

CMG 130	Construction Site Safety and MIOSHA Regulations	3
CON 104	Residential Construction I	3
CON 105	Residential Construction II	3
CON 106	Math, Measurement, and Graphics	3
CON 204	Residential Construction III	3
CON 205	Residential Construction IV	3
CON 220	Residential Construction Licensing, Contracts, and Start Up	3
CON 230	Residential Construction Production	3
CON 255	Residential Construction Concrete and Exterior Finishes	3
Elective	Choose 1 elective	3

Minimum Credits Required for the Program: 61

Notes:

**SPN 111 is strongly recommended. If SPN 111 is chosen, students must take an additional 3 credit course to fulfill the Arts/Human. requirement.*