

WCC General Education Requirements Effective Fall 2018

Associate degree programs were updated to meet the revised WCC general education requirements below.

Course Distribution Requirements

Associate degree students must complete courses from each of six General Education content areas. The requirements vary, depending on which degree is being earned. The number of general education credit hours required for each degree is as follows.

	AA	AS	AAS
Writing/Composition	3-4 credits	3-4 credits	3-4 credits
2nd Writing/Composition or Communication	3-4 credits	3 credits	3 credits
Mathematics	3-4 credits	3-4 credits	3-4 credits
Natural Sciences ¹	7-8 credits	7-8 credits	3-4 credits
Social & Behavioral Science ²	6 credits	6 credits	3 credits
Arts and Humanities ³	6 credits	6 credits	3 credits
General Education Electives to reach 30 credits	0-2 credits	0-2 credits	N/A
Minimum	30 credits	30 credits	18 credits

¹ Two courses in Natural Science including one with laboratory experience (from two disciplines)

² From two disciplines

³ From two disciplines

Program Information Report

Construction Technology (ASCT)

Associate in Science Degree

Program Effective Term: Fall 2018

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.

Articulation:

Eastern Michigan University, several BS degrees.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site:
<http://www.wccnet.edu/curriculum/articulation/levelone/colleges/>.

First Semester		(15 credits)
CON 104	Construction Framing I	3
CON 108	Introduction to Construction Technology	2
ENG 111	Composition I	4
MTH 178	General Trigonometry	3
	Arts/Human. Elective(s) 1*	3
Second Semester		(15 credits)
CMG 130	Construction Site Safety and OSHA Regulations	3
CON 105	Construction Framing II	3
	Speech/Comp. Elective(s)	3
PLS 112	Introduction to American Government	3
	Nat. Sci. Elective(s) 1	3
Third Semester		(14 credits)
CON 204	Construction Finishes - Interior	3
CON 205	Construction Finishes - Exterior	3
PHY 105	Conceptual Physics	4
	Arts/Human. Elective(s) 2*	3
	General Education Elective(s) to reach a minimum 30 General Education Credits	1
Fourth Semester		(16 credits)
CON 220	Construction Licensing, Contracts, and Start Up	3
CON 230	Construction Production	3
CON 255	Construction Concrete and Masonry	3
	Soc. Sci. Elective(s) 2	3
	Elective(s) to reach a minimum 60 credits	4

Minimum Credits Required for the Program: 60

Notes:

*SPN 111 is strongly recommended as one of the Arts/Humanities electives.

Done 1/17/18
NW

WASHTENAW COMMUNITY COLLEGE
GENERAL EDUCATION REVISION PROGRAM CHANGE FORM
FOR AA AND AS PROGRAMS 2018-2019

Program Code: <u>ASCT</u>	Program Name: <u>Construction Tech</u>
Division Code: <u>MSE</u>	Department: <u>CON</u>

This form is to be used only for General Education Revision Program Changes for Associate in Arts (AA) and Associate in Science (AS) programs. Any other program changes should be submitted separately using a standard Program Change Form.

Directions:

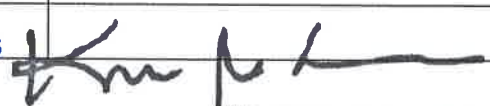
1. Review each general education area under **Requested Changes** below and respond as needed.
2. Attach the semester program layout showing the current program listing from the WCC catalog.
 - a. Indicate any changes to be made on the semester layout.
 - b. Draw a line through any courses that should be removed on the semester layout.
 - c. Write in any courses that need to be added on the semester layout.
3. Submit this form and semester program layout to the Office of Curriculum and Assessment (SC 257).

Current General Education Requirements AA and AS	Revised General Education Requirements 2018-2019 AA and AS
Writing 6 - 7 credits	English Composition 3 - 4 credits
Speech 3 credits	2 nd Course in English Composition or one course in Communication 3 - 4 credits
Mathematics 3 - 4 credits	Mathematics 3 - 4 credits
Natural Sciences 3 - 4 credits	Natural Sciences from 2 disciplines including one lab course 7 - 9 credits
Social & Behavioral Sciences 6 credits	Social & Behavioral Sciences from 2 disciplines 6 credits
Arts & Humanities 6 credits	Arts & Humanities from 2 disciplines 6 credits
Critical Thinking 0 credits	Elective Credits to reach a minimum of 30 credit hours 0 - 3 credits
Computer & Information Literacy 3 credits	Total 30 credits
Total 30 - 33 credits	

Please review each General Education Area in the chart below, and record the needed changes in the chart and on the attached semester layout.

REQUESTED CHANGES	
	General Education Area
	<p>English Composition – The requirement for one writing/English composition course remains the same. No changes will be made unless specifically requested below. (Use Writing Elective or ENG 111)</p> <p>Optional Change:</p>
	<p>2nd Course in English Composition or one course in Communication WCC previously required both a second composition/writing course and a communication course. Your options are:</p> <ol style="list-style-type: none"> 1. Allow students to select any course that meets composition/writing or communication (<i>recommended</i>). 2. Require students to take a specific composition course (identify course below and on semester layout). 3. Require students to take a specific communication course (identify course below and on semester layout).

Requested Change:
<p>2nd Course in English Composition or one course in Communication Credit Hours Because of this change, an extra 3 – 4 credit hours may be available in the program. Please specify how you would like to use those credit hours. Your options are:</p> <ol style="list-style-type: none"> 1. Reduce the number of credit hours if the program total is over 60 (<i>recommended</i>). 2. Replace the course with elective credits as needed to reach a minimum of 60 credit hours. 3. Add a specific program-related course (<i>please add the course in the semester it should be taken on the semester layout</i>). <p>Requested Change:</p>
<p>Mathematics – The requirement for one mathematics course remains the same. However, the courses that meet the MTA requirement have changed slightly. MTH 148, 149 and 167 do not meet the general education requirement for AA or AS degrees. Please identify an alternate course or list “Math elective”.</p> <p>Optional Change:</p>
<p>Natural Sciences from 2 disciplines including one lab course WCC previously required one natural science course. Your options are:</p> <ol style="list-style-type: none"> 1. No change needed – a second natural science course is already included in my program. 2. Add a second natural science course in the semester shown on the semester layout attached. Unless specific courses are required, include one course identified as a lab science course. <p>Requested Change:</p>
<p>Social & Behavioral Sciences from 2 disciplines – The requirement for two social and behavioral science courses remains the same. No changes will be made unless specifically requested below.</p> <p>Optional Change:</p>
<p>Arts & Humanities from 2 disciplines – The requirement for two arts and humanities courses remains the same. No changes will be made unless specifically requested below. (Note: A department can designate a COM course as a requirement here. The same course cannot be counted in two areas.)</p> <p>Optional Change:</p>
<p>Computer and Information Literacy The requirement for computer and information literacy has been removed. Your options are:</p> <ol style="list-style-type: none"> 1. Continue to require a specific computer course. If a specific course is required in your program, we will leave it there. If you previously used “Computer and Information Literacy Course,” you will need to specify either a specific course or a list of courses from which to choose. 2. Remove the computer and information literacy course if the program will still meet the minimum of 60 credit hours. 3. Remove the computer and information literacy course and replace the course with elective or other credits as needed to meet the minimum of 60 credit hours. <p>Required Change:</p>
<p>Elective Credits to reach a minimum of 30 credit hours – A course titled “General Education Credit(s) to Reach a Minimum of 30 Credit Hours” will be created and then added as needed to the program.</p>

Reviewer	Print Name	Signature	Date
Initiator			
Department Chair			
Division Dean/ Administrator			
Vice President for Instruction	Kimberly News		1/9/18

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: ~~ASRC~~
ASCT

Program Name: ~~Residential~~ Construction Associate in
Science Degree

Effective Term: Fall 2012

Division Code: VCT

Department: Construction Institute

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
2. Draw lines through any text that should be deleted and write in additions. Extensive narrative changes can be included on a separate sheet.
3. Check the boxes below for each type of change being proposed. Changes to courses, discontinuing a course, or adding new courses as part of the proposed program change, must be approved separately using a Master Syllabus form, but should be submitted at the same time as the program change form.

Requested Changes:

- | | |
|---|---|
| <input type="checkbox"/> Review | <input checked="" type="checkbox"/> Program admission requirements |
| <input type="checkbox"/> Remove course(s): _____ | <input checked="" type="checkbox"/> Continuing eligibility requirements |
| <input checked="" type="checkbox"/> Add course(s): <u>CON 108</u> <u>CON 255</u> | <input checked="" type="checkbox"/> Program outcomes |
| <input checked="" type="checkbox"/> Program title (title was <u>Construction Technology</u>) | <input checked="" type="checkbox"/> Accreditation information |
| <input type="checkbox"/> Description | <input type="checkbox"/> Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| <input type="checkbox"/> Type of award | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Advisors | |
| <input type="checkbox"/> Articulation information | |

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

Advisory board recommendations.

Financial/staffing/equipment/space implications:

List departments that have been consulted regarding their use of this program.

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	Cristy Lindemann		2/14/2012
Department Chair	Cristy Lindemann		2/14/2012
Division Dean/Administrator	Ross Gordon		2/15/2012
Vice President for Instruction	Stuart Blacklaw		4/5/12
President	Dr. Rose Bellanca		

Do not write in shaded area. Entered in: Banner C&A Database Log File Board Approval

Please submit completed form to the Office of Curriculum and Assessment and email an electronic copy to sjohn@wccnet.edu for posting on the website.

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logged 2/15/12 sjv
Office of Curriculum & Assessment

Program Information Report

Construction Technology (ASCT)

Associate in Science Degree

Program Effective Term: Fall 2012

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.

Articulation:

Eastern Michigan University, several BS degrees.

Copies can be obtained from the Counseling Office, a program advisor, or from the Curriculum and Assessment Office Web site: <http://www.wccnet.edu/departments/curriculum/articulation.php?levelone=colleges>

Continuing Eligibility Requirements:

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

CON 104	Residential Construction I	3
CON 108	Introduction to Construction Technology	2
ENG 111	Composition I	4
MTH 178	General Trigonometry	3
	Arts/Human. Elective(s)*	3
CMG 130	Construction Site Safety and OSHA Regulations	3
CON 105	Construction Framing II	3
ENG 226	Composition II	3
PLS 112	Introduction to American Government	3
	Computer Lit. Elective(s)	3
CON 204	Construction Finishes-Interior	3
CON 205	Construction Finishes Exterior	3
PHY 105	Conceptual Physics	4
	Arts/Human. Elective(s)*	3
	Speech Elective(s)	3
CON 220	Construction Licensing, Contracts, and Start Up	3
CON 230	Construction Production	3
CON 255	Construction Concrete and Masonry	3
	Arts/Human. Elective(s)*	3
	Soc. Sci. Elective(s)	3

Minimum Credits Required for the Concentration or Option:

Minimum Credits Required for the Program:

61

Notes:

*SPN 111 is strongly recommended as one of the Arts/Humanities electives.

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>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</p> <p>CIP Code:</p> <p><u>46.0000</u></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	START-UP COSTS	
Specify program costs in the following areas, per academic year:	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	\$ 4,500

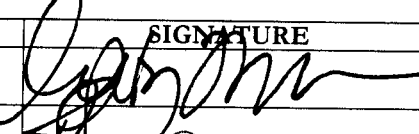

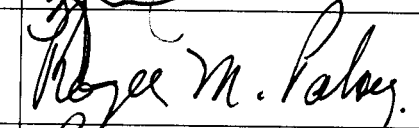
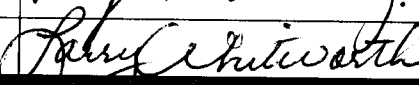
Program Description for Catalog and Web site	This degree will teach students to build a home from the ground up. The program offers a balance of classroom theory and hands on training. Students in this program will also learn how to start up his or her own construction business.
Program Information	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

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.*