

PROGRAM CHANGE OR DISCONTINUATION FORM

Program **CVCMT**
Code: **CVCMT**

Program Name: Cabinetmaking/Millwork System
Technology

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:

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

Show all changes on the attached page from the catalog.

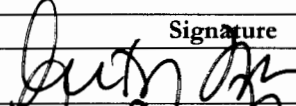
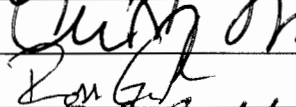
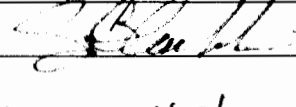
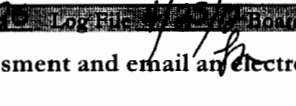
Rationale for proposed changes or discontinuation:

Advisory board recommendation.

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		

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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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Office of Curriculum & Assessment

Program Information Report**School of Construction Technology**

Become part of the growing global community of skilled trades' professionals or skilled trades' managers. Design, plan, construct and complete structures for your home or for your career. You can earn a certificate or degree in Residential Construction, Construction Management or Heating, Ventilation and Air Conditioning. These programs offer the perfect blend of classroom education and hands-on training. At the Henry S. Landau Design and Construction Training Center, you will be taught construction skills from the ground up. You can learn classic skills such as woodworking or modern techniques needed to maintain or improve your own structure. On the main campus, the HVAC program offers a wide range of training to equip high-end technicians with the knowledge and skills needed for successful entry into the field.

Washtenaw Community College offers programs at several levels for students who want to begin new careers, or advance in their existing careers. The first level is the certificate, which can vary from nine to thirty-six credits, depending on the field. Certificates generally prepare students for entry-level jobs.

After completing a certificate, students can progress to the next level, the advanced certificate. The credit hours required for these programs also vary. This type of certificate provides a more specialized level of skill development, and often allows students to upgrade their positions at their places of employment.

The next level, an Associate in Applied Science, is available for some programs. For some career fields, it is possible to earn a certificate, advanced certificate, and an Associate in Applied Science degree in the same field. In these cases, the credit hours from the certificate and advanced certificate can be applied to the credit hours needed for the Associate in Applied Science degree.

Alternatively, students can earn an AAS in Occupational Studies by completing a certificate, advanced certificate and General Education requirements.

Construction

If you want to learn basic construction, prepare to take the Michigan Builder's License exam or are considering starting a construction business, this is the place to start.

Program Information Report

Cabinetmaking/Millwork Technology (CVCMT)

Advanced Certificate

Program Effective Term: Fall 2012

This program is designed to develop skills and knowledge needed for positions such as trim carpenters, cabinetmakers, furniture makers and repair technicians. Students will develop skills related to the design, fabrication, and installation of interior cabinetry and trim systems for commercial and residential applications.

Articulation:

Eastern Michigan University, BS degree.

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>.

Program Admission Requirements:

Students must complete the Construction Technology I Certificate for entry into this program.

CON 108	Introduction to Construction Technology	2
CON 170	Cabinetry and Millwork I	3
CON 173	Cabinetry and Millwork II	3
CON 175	Cabinetry and Millwork III	3
CON 250	Cabinet Shop Management and Fundamentals	3
CON 275	Cabinetry and Millwork IV	3

Minimum Credits Required for the Program: **17**

Washtenaw Community College.

Certificates and Degrees.

<http://www4.wccnet.edu/academicinfo/creditoofferings/programs/degree.php?code=CVCMST>

[Return to web format »](#)

Cabinetmaking/Millwork Systems Technology (CVCMST)

Advanced Certificate

Program requirements shown below are for catalog year: 2011 - 2012

Description: *Please see attached for new description.*

According to the National Careers Education and Research Institute, the growth in the housing industry has created a demand for skilled precision wood workers. This program is designed to develop skills and knowledge needed for those positions. Students will develop skills related to the design, fabrication, and installation of interior cabinetry and trim systems for residential construction. The program will provide access to specialty careers as trim carpenters, cabinetmakers, furniture makers, and repair technicians.

Contact Information:

Division: Vocational Technologies

School: School of Construction Technology

Department: Construction Institute Dept

Advisors: Brad Hoth, Cristy Lindemann

Articulation:

Eastern Michigan University, BS degree.

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>.

Admission Requirements:

Students must complete the Residential Construction I Certificate to be admitted into the program.

Major/Area Requirements

(15 Credits)

<u>CON 170</u>	Cabinetry and Millwork I	3
<u>CON 173</u>	Cabinetry and Millwork II	3
<u>CON 175</u>	Cabinetry and Millwork III	3
<u>CON 250</u>	Cabinet Shop Management and Fundamentals	3
<u>CON 275</u>	Cabinetry and Millwork IV	3
<u>CON 108</u>	<i>Introduction to Construction Technology</i>	<i>2</i>

Minimum Credits Required for the Program:

15 Credits

17

Estimated Cost

Tuition & Fees	\$1,680.00
Books & Supplies	\$110.00
Total Cost	\$1,790.00

Length of Program

Intended time to complete

4 semesters

Careers Related to this Program

Cabinetmaking/Millwork Systems Technology

Program description:

This program is designed to develop skills and knowledge needed for ^{such} positions as trim carpenters, cabinetmakers, furniture makers and repair technicians. Students will develop skills related to the design, fabrication, and installation of interior cabinetry and trim systems for commercial and residential applications.

x
x

PROGRAM CHANGE OR DISCONTINUATION FORM

Program Code: CVC MST Program Name: Cabinet Making / Millwork Effective Term: F06
System Technology
 Division Code: HAT Department: Construction

Directions:

1. Attach the current program listing from the WCC catalog or Web site and indicate any changes to be made.
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Requested Changes:

- | | |
|--|---|
| ☐ Review | ☐ Program admission requirements |
| ☒ Remove course(s): <u>ARC 170</u> | ☐ Continuing eligibility requirements |
| ☒ Add course(s): <u>CON --- New Course</u> | ☐ Program outcomes |
| ☐ Program title (title was _____) | ☐ Accreditation information |
| ☐ Description | ☐ Discontinuation (attach program discontinuation plan that includes transition of students and timetable for phasing out courses) |
| ☐ Type of award | ☐ Other _____ |
| ☐ Advisors | |
| ☐ Articulation information | |

Show all changes on the attached page from the catalog.

Rationale for proposed changes or discontinuation:

ARC 170 Design class not needed
New CON class combines design, pricing & labor techniques

Financial/staffing/equipment/space implications:

No changes

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

ARC

Signatures:

Reviewer	Print Name	Signature	Date
Initiator	<u>Cristy Lindemann</u>	<u>[Signature]</u>	<u>03.07.06</u>
Department Chair	<u>Cristy Lindemann</u>	<u>[Signature]</u>	<u>03.07.06</u>
Division Dean/Administrator	<u>[Signature]</u>	<u>Granville Lee</u>	<u>3/07/06</u>
Vice President for Instruction	<u>[Signature]</u>	<u>Walter M. Balay</u>	<u>3/30/06</u>

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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.

Cabinetmaking/Millwork Systems Technology (CVCMST)

Advanced Certificate

Major/Area Requirements		(15 Credits)
ARC 170	Cabinetmaking and Millwork Design	3
CON 170	Introduction to Cabinetmaking and Millwork	3
CON 173	Cabinet Making Principles and Concepts	3
CON 175	Cabinet Making Fabrication	3
CON 275	Finishing Concepts and Processes	3

CON 280 ~~Cabinet and Millwork Procurement and~~
Minimum Credits Required for the Program: *Estimating* 15 Credits
Cabinet Shop Management and
Fundamentals

Cabinetmaking/Millwork Systems Technology (CVCMST)

According to the National Careers Education and Research Institute, the growth in the housing industry has created a demand for skilled precision wood workers. This program is designed to develop skills and knowledge needed for those positions. Students will develop skills related to the design, fabrication, and installation of interior cabinetetry and trim systems for residential construction. The program will provide access to specialty careers as trim carpenters, cabinet-makers, furniture makers, and repair technicians.

Program Admission Requirements: Students must complete the Residential Construction Technology Certificate to be admitted into the program.

CON 285

Commercial Property Maintenance Technology (CVCPMT)

Advanced Certificate

Major/Area Requirements		(12 Credits)
CON 130	Commercial Property Maintenance I	3
CON 133	Commercial Property Maintenance II	3
CON 135	Commercial Property Maintenance III	3
CON 137	Commercial Property Maintenance IV	3

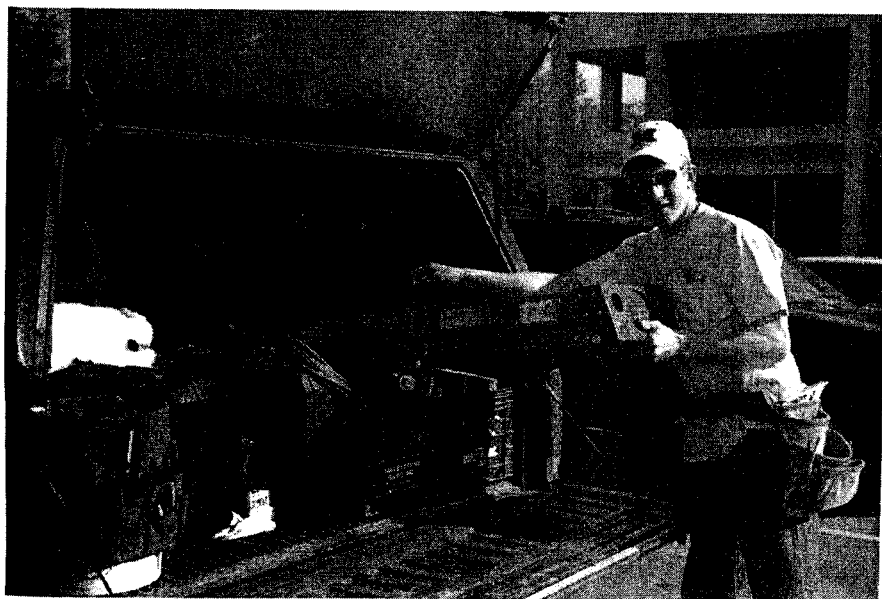
Minimum Credits Required for the Program: 12 Credits

Commercial Property Maintenance Technology (CVCPMT)

With the growth of the construction industry, there is an increased demand for skilled maintenance personnel. This program prepares students for careers in Commercial Property Maintenance. It is designed for career advancement in Facility Management Administration as well as supervisory positions in commercial properties maintenance in multi-family housing, high-rise apartments and business centers, hotels and recreational/leisure centers, hospitals, educational institutions, and municipal agencies. Students who complete the program can advance in their career paths by completing the Construction Management, Facility Management Administration, and Heating Ventilating and Air Conditioning certificate programs.

Program Admission Requirements: Students must complete the Residential Construction Technology certificate to be admitted into the program.

CONSTRUCTION & BUILDING TRADES PROGRAMS



Construction and Related Trades

Cabinetmaking/Millwork Systems Technology (CVCMST)

Advanced Certificate

Program Effective Term: Fall 2006

According to the National Careers Education and Research Institute, the growth in the housing industry has created a demand for skilled precision wood workers. This program is designed to develop skills and knowledge needed for those positions. Students will develop skills related to the design, fabrication, and installation of interior cabinetry and trim systems for residential construction. The program will provide access to specialty careers as trim carpenters, cabinetmakers, furniture makers, and repair technicians.

Program Admission Requirements:

Students must complete the Residential Construction Technology certificate to be admitted into the program.

Major/Area Requirements		(15 credits)
CON 170	Introduction to Cabinetry and Millwork	3
CON 173	Cabinet Making Principles and Concepts	3
CON 175	Cabinet Making Fabrication	3
CON 250	Cabinet Shop Management and Fundamentals	3
CON 275	Finishing Concepts and Processes	3
Total Credit Hours		15

Minimum Credits Required for the Program	15
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**WASHTENAW COMMUNITY COLLEGE
PRELIMINARY PROGRAM APPROVAL FORM**

Proposed Name of Program: CABINETRY AND MILLWORK TECHNOLOGY
CERTIFICATE

Faculty/Initiator(s): L. PIERCE

Division: HAT **Department:** CON **Projected Start up Term:** FALL 03

Type of Program: ☐ A.A. ☐ A.S. ☒ A.A.S.

☐ Certificate of Completion ☐ Certificate ☒ Advanced Certificate ☐ Post Associate Certificate

1. General Description of Program (purpose, curriculum design, need for new courses):

THIS PROGRAM IS DESIGNED TO FURTHER PREPARE CARPENTERS, FACILITY MAINTENANCE TECHNICIANS AND CONSTRUCTION WORKERS IN THE AREAS OF FINISH CARPENTRY MILLWORK AND CABINETRY. THERE IS INSUFFICIENT TIME IN THE RESIDENTIAL DESIGN AND CONSTRUCTION CERTIFICATE PROGRAM AND THE COMMERCIAL PROPERTY MAINTENANCE CERTIFICATE PROGRAMS TO INTRODUCE AND DEVELOP THE FINER SKILLS AND TECHNIQUES NECESSARY TO FUNCTION EFFECTIVELY AS FINISH CARPENTERS.

TWO EXISTING WOODWORKING COURSES WILL BE REDESIGNED WITH GREATER EMPHASIS ON MILLWORK AND TRIM. A THIRD COURSE WILL BE ADDED TO INTRODUCE FINISHING CONCEPTS AND APPLICATIONS.

2. Need/rationale for Program (new jobs, industry changes, transfer etc...):

OUR CURRENT PROGRAM DOES NOT INCLUDE THE MILLWORK CABINETRY AND FINISHING TECHNOLOGIES AND AS SUCH, PROHIBITS OUR STUDENTS FROM COMPETING EFFECTIVELY IN ADVANCING IN THEIR CAREERS IN CONSTRUCTION.

3. Enrollment Projections:

This will be an advanced certificate and the credits will be counted as technical electives for the students in the Residential Design and Construction Associates Degree program and the Commercial Property Maintenance Program. Initial projections will include one section each of the new courses for Fall 2003, evening offerings and grow to include one section of each course for daytime offerings. Beginning head count for Fall 03 term will be from 12 to 20 students and increase from there to 30-40 as students complete the Residential Design and Construction Certificate.

4. Instructional Resources and Space Needs (equipment, labs, classrooms, consumable supplies):

There is sufficient equipment on hand in the facilities (OE 163) currently in use. Regular annual equipment budget for period replacement of equipment will be sufficient. Should the Board approve the relocation of the Construction Program to the site under consideration, and expanded lab will become available and approximately \$25,000 in new and replacement equipment will be needed,

5. Faculty Resources (full-time, part-time, consultant):

Current fulltime and parttime capacity is sufficient.

6. Curricular Connections/Accreditations (Other WCC instructional units affected, articulation agreements):

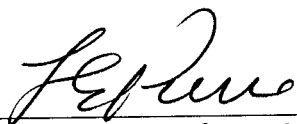
This program will seek accreditation through the National Homebuilders Residential Carpentry Academy and rely upon the involvement of faculty of the Architectural Drafting Department..

7. Program Development Plan (timetable, costs, personnel):

The preliminary work has been underway for several months. There are no additional costs in development anticipated. The courses will be submitted to the Curriculum Committee at the first opportunity after the program receives approval

Signatures:

Faculty/Initiator:



Date:

03-24-03

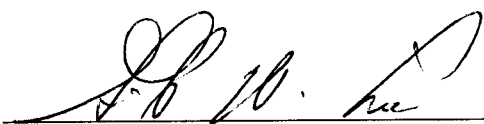
Department Chair/Director:



Date:

03-24-03

Comments: This program will be expected to proceed on campus in existing facilities should the Board of Trustees determine to postpone the relocation initiative for the construction program.

Dean(s)/Administrator:  Date: 3/28/03

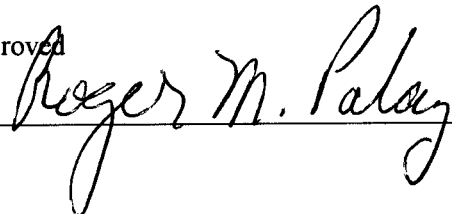
Comments:

Vice President of Instruction:

☒ Approved for development of Program Approval Document (PAD)

☐ Returned for additional review/development (details attached)

☐ Not approved

Signature:  Date: 3/28/03

Cabinetmaking/Millwork Systems Technology (CVCMST)

Advanced Certificate

Program Effective Term: Fall 2004

According to the National Careers Education and Research Institute, the growth in the housing industry has created a demand for skilled precision wood workers. This program is designed to develop skills and knowledge needed for those positions. Students will develop skills related to the design, fabrication, and installation of interior cabinetry and trim systems for residential construction. The program will provide access to specialty careers as trim carpenters, cabinetmakers, furniture makers, and repair technicians.

Program Admission Requirements:

Students must complete the Residential Construction Technology certificate to be admitted into the program.

Major/Area Requirements		(15 credits)
ARC 170	Cabinetry and Millwork Design	3
CON 170	Introduction to Cabinetry and Millwork	3
CON 173	Cabinet Making Principles and Concepts	3
CON 175	Cabinet Making Fabrication	3
CON 275	Finishing Concepts and Processes	3

Minimum Credits Required for the Program: 15

PROGRAM APPROVAL DOCUMENT (PAD)Program Name: CABINETMAKING/MILLWORK SYSTEMS TECHNOLOGYProgram Code: CVCMSTDivision: HATDepartment: Construction Institute (CIND)

CIP Code:

Type of Award: ☐ A.A. ☐ A.S. ☐ A.A.S. ☐ Certificate ☐ Certificate of Completion ☒ Advanced Certificate ☐ Post/CertIs this an occupational program eligible for Perkins Funding? ☒ yes ☐ no Effective Year: Fall 2003**Program Features**

Provide a general description of the program's purpose and general goals. State the criteria for entry into the program, along with projected enrollment figures. Explain any connection to other WCC programs, as well as accrediting agencies or professional organizations. Note any special features of the program, such as jobs for which the student will be prepared, as well as potential career paths.

This program is designed to develop skills and knowledge related to the design, fabrication and installation of interior cabinetry and trim systems for residential construction. College-level reading, writing and computation will be required for entry. This program will provide access to specialty careers as trim carpenters, cabinetmakers, furniture makers and repair technicians. It can either be a point of entry to the construction careers industries or be an additional specialty for residential construction majors.

Need

State the need for the program and provide evidence to support the stated need.

According to the National Construction Careers Education and Research Institute, cabinetmakers, trim carpenters and millpersons and precision woodworkers is one of the ten leading job areas due to growth and replacement through from 1996-2006. The growth in housing in general has created a demand for skilled carpenters. These carpentry jobs typically involve foundation, framing and exterior systems installers. Few programs in this region provide organized skill development in the design, fabrication and installation of custom cabinetry, millwork and trim.

Outcomes

State the overall knowledge to be gained, skills to be learned, and attitudes to be developed by students who participate in this program.

Successful completers of the program will gain skills in the design, fabrication, and installation of custom cabinetry and millwork. Jobs will be available as subcontractors in Residential Construction firms, commercial property maintenance firms, state and municipal institutions and agencies as well as cabinetmaking companies.

Curriculum

List the sequence of courses in the program by semester, including credit hours, co- and pre-requisites.

Course ID	Title	Credit	Contact Hours	Prereqs/Coreqs
ARC 170	Cabinetry Design	3	60	CON 170
CON 170	Intro to Cabinetmaking & Millwork	3	60	None
CON 173	Cabinetry Principles	3	60	CON 170
CON 175	Cabinetry Fabrication	3	60	CON 171
CON 275	Finishing Concepts & Processes	3	60	CON 175

Credits required to complete the program: 15

Assessment

Describe the assessment process that will be used to determine the effectiveness of the program.

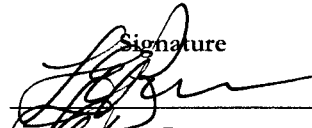
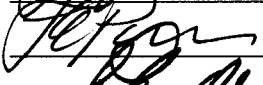
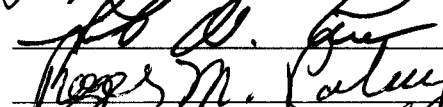
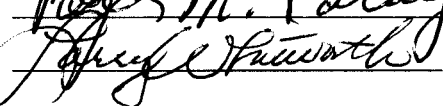
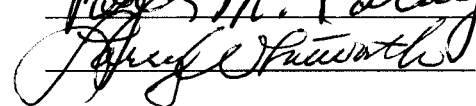
Pre and post tests will be used to assess competency in the theoretical components of these courses

Student projects and lab activities will be used to assess competencies in the applications.

Budget

Specify program costs in the following areas, per academic year, including any start-up costs: faculty, training, travel, materials, resources, facilities, equipment, and any other costs.

These courses have been in existence for several years. Existing equipment shared with Construction Programming will suffice, with the replacement of 30 year old Bandsaw, acquisition of 18' single roll wide belt sander, replacement of 18" planer and a multi angle mortiser. These cost will total approximately \$12000.00. Existing facilities and the expansion of the construction facilities will be sufficient. Part-time faculty have taught these courses since there original development.

Approval Recommended:	Print Name	Signature	Date
Program Initiator:	L. Pierce		05-16-03
Dept. Chair/Director	L. Pierce		05-16-03
Dean/Administrator:	Granville Lee		8/14/03
VP of Instruction:	Roger Palay		8/17/03
President:			8/13/03
Date of Board Approval:			