KENT STATE UNIVERSITY
CERTIFICATION OF CURRICULUM PROPOSAL

Preparation Date **14-Dec-18**   Curriculum Bulletin _____

Effective Date   **Fall 2019**   Approved by EPC _____

Department

College   **AE - Architecture and Environmental Design**

Degree   *Master of Health Care Design MHCD*

Program Name   **Master of Health Care Design**   Program Banner Code   *HCDE.*

Concentration(s)   Concentration(s) Banner Code(s)

Proposal   **Revise program**

Description of proposal:

The overall curricular changes for the Master of Health Care Design are presented in this document. However, changes impact the Graduate Certificate in Health Care Facilities:

worthflow

(1) Add six new courses
   New courses:
   "Patient Safety and Systems Thinking" *HCD 63005*
   "Environments of Care and Patient Populations" *63004?*
   "Healthcare Systems Workshop" *HCD 60093*
   "Healthcare Design Workshop" *HCD 60193*
   "Practical Experience" *HCD 60092*
   "Healthcare Design Studio" *HCD 60000*
   Current Public Health courses to be moved from required coursework to elective courses:
   "EHS 52018 - Environmental Health Concepts In Public Health"
   "HPM 53003 - Health Care Systems"

(2) Change titles of three courses
   from "AED 63001 - Evidence Based Design in Health Care" to " Evidence-Based Design in Healthcare"
   from "ARCH 63002 - Health Care Facilities I" to "Healthcare Facilities"
   from "ARCH 63003 - Health Care Facilities II" to "Healthcare Environmental Systems"

(3) Reduce the number of credit hours for the following courses
   "ARCH 60198 - Master's Project in Health Care Design I" - 6 credit hours to 3
   "AED 63001 - Evidence Based Design in Health Care" - 3 credit hours to 2
   "ARCH 63002 - Health Care Facilities I" - 3 credit hours to 2
   "ARCH 63003 - Health Care Facilities II" - 3 credit hours to 2

(4) Change all the subject codes related to CAED courses in the program to "HCD'.
   This will include courses with ARCH and AED subject codes.

(5) Increase required number of credit hours to complete the program
   Increase from 32 to 35.

(6) Change the admission criteria
   In addition to current admission requirements, add a resume/CV to the application requirements. Also, applicants must hold an undergraduate degree in Architecture or Interior Design from a NAAB or CIDA accredited program. If the degree is obtained from a non-US institution, it will need to be evaluated by the University program coordinator to determine the applicant's eligibility. Explanation: this is more restrictive than the current eligibility which includes professionals from landscape architecture and visual communication design.

admission effective term

(7) name

An overview of the changes to the currciulum impacting the Master of Health Care Design is provided in the appendix.

Does proposed revision change program's total credit hours? ☒ Yes ☐ No

Current total credit hours: **32**   Proposed total credit hours **35**

Describe impact on other programs, policies or procedures (e.g., duplication issues; enrollment and staffing considerations; need; audience; prerequisites; teacher education licensure):
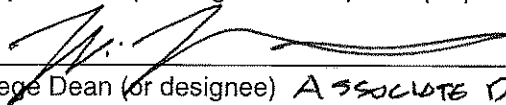**None.**

Units consulted (other departments, programs or campuses affected by this proposal):
The curricular changes involve additional elective courses from the Colleges of Public Health and Nursing based on conversations with both colleges. The proposed changes will remove two courses offered by the College of Public Health from the required courses in the degree to electives.

REQUIRED ENDORSEMENTS

_____   12 / 19 / 18
Department Chair / School Director

_____   __ / __ / __
Campus Dean (for Regional Campuses proposals)

_____   12 / 19 / 18
College Dean (or designee) ASSOCIATE DEAN

_____   __ / __ / __
Dean of Graduate Studies (for graduate proposals)

_____   __ / __ / __
Senior Vice President for Academic Affairs and Provost (or designee)

Proposal Summary
Revising the Master of Health Care Design

Description of Action, Including Intended Effect

The overall curricular changes for the Master of Health Care Design are presented in this document. However, changes impact the Graduate Certificate in Health Care Facilities:

(1) Add six new courses
New courses:
"Patient Safety and Systems Thinking"
"Environments of Care and Patient Populations"
"Healthcare Systems Workshop"
"Healthcare Design Workshop"
"Practical Experience"
"Healthcare Design Studio"
Current Public Health courses to be moved from required coursework to elective courses:
"EHS 52018 – Environmenal Health Concepts in Public Health"
"HPM 53003 – Health Care Systems"

(2) Changing titles of three courses
from "Health Care Facilities I" to "Healthcare Facilities"
from "Health Care Facilities II" to "Healthcare Environmental Systems"
from "Evidence Based Design in Health Care" to " Evidence-Based Design in Healthcare"

(3) Reduce the number of credit hours for the following courses
"ARCH – 60198 - Master's Project in Health Care Design I" - 6 credit hours to 3
"AED 63001 - Evidence Based Design in Health Care" - 3 credit hours to 2
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(4) Change all the subject codes related to CAED courses in the program to "HCD"
This will include courses with ARCH and AED subject codes.

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In addition to current admission requirements, add a resume/CV to the application requirements. Also, applicants must hold an undergraduate degree in Architecture or Interior Design from a NAAB or CIDA accredited program. If the degree is obtained from a non-US institution, it will need to be evaluated by the University program coordinator to determine the applicant's eligibility. Explanation: this is more restrictive than the current eligibility which includes professionals from landscape architecture and visual communication design.

(7) name

An overview of the changes to the currciulum impacting the Master of Health Care Design is provided.

1

Impact on Other Programs, Course Offerings, Students, Faculty, Staff (e.g., duplication issues)

- The proposed changes will move two courses offered by the College of Public Health from the required coursework to electives.

Fiscal, Enrollment, Facilities and Staffing Considerations

All aspects of these changes are in keeping with the current program considerations. No new impact.

Timetable and Actions Required: *a chronology of actions required to approve the proposal with an anticipated implementation date for each action*
The proposal was approved by the CAED CCC on December 5, 2018.

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HEALTH CARE DESIGN - M.H.C.D.

College of Architecture and Environmental Design
Center for Architecture and Environmental Design
Kent Campus
330-672-2917
CAED_info@kent.edu
www.kent.edu/caed

Description

The Master of Health-Care Design degree is a post-professional program focusing on the design and performance of health care environments for professionals with a demonstrated level of competency in their respective fields. Courses from the College of Architecture and Environmental Design, the College of Public Health and the College of Nursing comprise the program, which is open to individuals with a professional degree in a design field, including architecture, interiors, landscape or urban or graphic design. The program is also designed for those professionals who want to have a deeper understanding of not just health care design, but other drivers of health care innovations such as public policy, reimbursement, emerging technologies and what patient-centered care really means from the perspective of patients and families. The program typically takes two to three and a half years to complete, depending on course load.

Students are introduced to professionals in many different fields over the course of the program, expanding their horizons as well as their networks. Program courses provide students with background knowledge and theory, and also deal with behavioral science, health science, ethical and cultural issues in health care, codes and regulatory requirements, existing and emerging technologies and evidence-based design procedures that aid architects, administrators, planners and health care professionals to better meet the needs of end users, including patients, families and staff.

Following successful completion of coursework, students complete a master's project, which integrates learned principles and incorporates codified standards through an independently-directed design problem with the goal of improving designs for health care. There is both a written component and a design component based on a real project in a health care setting of the student's choice. Students will conduct a literature review and analysis, complete comparable site analyses, develop and conduct a research project in the setting and develop design solutions.

Fully Offered At:

- Kent Campus

Admission Requirements

- Accredited professional design degree for unconditional admission
- Minimum 3.000 undergraduate GPA on a 4.000 point scale for unconditional admission
- Official transcript(s)
- Goal statement
- Portfolio of design work that clearly delineates the role played by the applicant in team projects

- Three letters of recommendations, with one letter from a non-academic source
- English language proficiency requirements for international students:
  - Minimum 550 TOEFL PBT score
  - Minimum 79 TOEFL IBT score
  - Minimum 77 MELAB score
  - Minimum 6.5 IELTS score
  - Minimum 58 PTE score.

For more information about graduate admissions, please visit the Graduate Studies website. For more information on international admission, visit the Office of Global Education's admission website.

Program Requirements

Major Requirements

[MHCD-HCDE]

Code	Title	Credit Hours
Major Requirements		
AED 63001	EVIDENCE BASED DESIGN IN HEALTH CARE	3
ARCH 63002	HEALTH CARE FACILITIES I	3
ARCH 63003	HEALTH CARE FACILITIES II	3
EHS 52018	ENVIRONMENTAL HEALTH CONCEPTS IN PUBLIC HEALTH	3
HPM 53003	HEALTH CARE SYSTEMS	3
Major Electives, choose from the following:		5-6
ARCH 55640	DEVELOPING ENVIRONMENTS FOR OLDER ADULTS	
ARCH 60451	DEVELOPING ENVIRONMENTS FOR PATIENTS ACROSS THE LIFESPAN	
HPM 52016	PUBLIC HEALTH ADMINISTRATION	
HPM 53004	PUBLIC HEALTH POLICY, LAW AND ETHICS	
TECH 57010	ETHICS, TECHNOLOGY AND THE ENVIRONMENT	
Culminating Experience		
ARCH 60198	MASTER'S PROJECT IN HEALTH CARE DESIGN I	6
ARCH 60298	MASTER'S PROJECT IN HEALTH CARE DESIGN II	6
Minimum Total Credit Hours:		32

HEALTHCARE DESIGN - M.H.C.D.

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Description

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Following successful completion of coursework, students complete a master's project, which integrates learned principles and incorporates codified standards through an independently-directed design problem with the goal of improving designs for health care. There is both a written component and a design component based on a real project in a healthcare setting of the student's choice. Students will conduct a literature review and analysis, complete comparable site analyses, develop and conduct a research project in the setting and develop design solutions.

Admission Requirements

- Accredited professional design degree for unconditional admission
- Minimum 3.000 undergraduate GPA on a 4.000-point scale forum conditional admission
- Resume/CV
- Official transcript(s)
- Goal statement
- Portfolio of design work that clearly delineates the role played by the applicant in team projects
- Three letters of recommendations, with one letter from a non-academic source
- English language proficiency requirements for international students:
  - Minimum 550 TOEFL PBT score
  - Minimum 79 TOEFL IBT score
  - Minimum 77 MELAB score
  - Minimum 6.5 IELTS score
  - Minimum 58 PTE score.

For more information about graduate admissions, please visit the Graduate Studies website. For more information on international admission, visit the Office of Global Education's admission website.

Program Requirements
Major Requirements

Code	Title	Credit Hours
Major Requirements		
HCD 63001	EVIDENCE-BASED DESIGN IN HEALTHCARE	2
HCD 63002	HEALTHCARE FACILITIES	2
HCD 63003	ENVIRONMENTAL SYSTEMS AND MATERIALS IN HEALTHCARE	2
HCD 63004	ENVIRONMENTS OF CARE AND PATIENT POPULATIONS	2
HCD 63005	PATIENT SAFETY AND SYSTEMS THINKING	2
HCD 60193	HEALTHCARE DESIGN WORKSHOP	3
HCD 60093	HEALTHCARE SYSTEMS WORKSHOP	3
HCD 60000	HEALTHCARE DESIGN STUDIO	6
HCD 60092	PRACTICAL EXPERIENCE	1

Major
~~Certificate~~ Electives, choose one from the following:

Code	Title	Credit Hours
ARCH 55640	DEVELOPING ENVIRONMENTS FOR OLDER ADULTS	
HPM 52016	PUBLIC HEALTH ADMINISTRATION	
HPM 53004	PUBLIC HEALTH POLICY, LAW AND ETHICS	
~~ARCH55640~~	DEVELOPING ENVIRONMENTS FOR OLDER ADULTS	
~~HPM52016~~	~~PUBLIC HEALTH ADMINISTRATION~~	
HPM53003	HEALTH CARE SYSTEMS	
EHS52018	ENVIRONMENTAL HEALTH CONCEPTS	
EHS 53009	EMERGING ENVIRONMENTAL HEALTH ISSUES AND RESPONSE	
EHS 53012	OCCUPATIONAL SAFETY AND HEALTH	
EHS 50109	LABORATORY SAFETY AND HYGIENE	
EHS 53014	BUILT ENVIRONMENT AND PUBLIC HEALTH	
GERO54032	LONG TERM CARE ADMINISTRATION	
NURS60020	LEGAL REGULATORY MANAGEMENT FOR NURSE ADMINISTRATORS	
NURS60014	LEADERSHIP IN NURSING AND HEALTH CARE MANAGEMENT	
NURS60024	HEALTH CARE ORGANIZATION AND BEHAVIOR	
SBS54634	SOCIAL DETERMINANTS OF HEALTH BEHAVIORS	
HPM53012	NATIONAL HEALTH REFORM	
DIRECTED ELECTIVES		
Culminating Experience		
HCD 60199	MASTER'S PROJECT IN HEALTHCARE DESIGN I	3
HCD 60298	MASTER'S PROJECT IN HEALTHCARE DESIGN II	6
Minimum Total Credit Hours:		35

Ohio | Department of
Higher Education

John R. Kasich, Governor
John Carey, Chancellor

CHANGE REQUEST:
TITLE AND CURRICULUM MODIFICATION

Date of submission: 12/15/2018

Name of institution: Kent State University

Previously approved title: Health Care Design within the master's degree

Proposed new title: Healthcare Design within the master's degree

Explanation: Removal of space between "health and "care". The proposed title change from "Master of Health Care Design" to "Master of Healthcare Design is slight and considers "health care" as one word, "healthcare". Healthcare is a noun that is more universally used and appears to be more consistent with research literature in the field of environmental design.

Proposed implementation date of the request: Fall 2019

Date that the request received final approval from the appropriate institutional committee:
[DATE] (Kent State University Board of Trustees)

Primary institutional contact for the request
       Name: Melody J. Tankersley, PhD
       Title: Senior Associate Provost and Dean of Graduate Studies
       Phone: 330-672-8613
       E-mail: mtankers@kent.edu

Educator Preparation Programs:
       Leads to licensure: No [change to Yes if true]
       Leads to endorsement: No

Explain the rationale for title and curricular changes.

The overall curricular changes include: (1) adding six new courses, two of which will replace two of the current required courses; and (2) reducing the number of credit hours from three to two for core courses to accommodate the added credit hours by new courses while keeping the total degree credit hours below 36.

A list of new courses is provided in the comparison table later in this document.

The proposed curricular changes aim to support and strengthen the content and delivery of the program aligned with its learning objectives, listed below:

1. Employ and translate research into innovative designs
2. Recognize and employ expert knowledge, guidelines, and regulations in healthcare design and delivery
3. Design effectively in support of safety, quality, and efficiency in healthcare

4. Design empathetically to improve human-centered design experience for healthcare providers, patients and support communities.

In support of learning objective 1, the following courses will incorporate interaction with research literature and/or process and conduct (new courses are shown by an asterisk):
- "Evidence-Based Design"
- "Environments of Care and Patient Populations" *
- "Healthcare Design Workshop" *
- "Healthcare Design Studio" *
- "Patient Safety and Systems Thinking" *
- "Master's Project in Healthcare Design I"
- "Master's Project in Healthcare Deign II"

In support of learning objective 2, the following courses will focus on developing the necessary knowledgebase:
- "Healthcare Systems Workshop" *
- "Healthcare Facilities"
- "Healthcare Environmental Systems"
- "Patient Safety and Systems Thinking" *
- "Environments of Care and Patient Populations" *

In support of learning objective 3, the following courses will focus on the experiential learning to develop design skills:
- "Healthcare design workshop" *
- "Healthcare Design Studio" *
- "Practical Experience" *
- "Master's Project in Healthcare Deign II"

In support of learning objective 4, the following courses will focus on developing human-centered design skills:
- "Healthcare design workshop" *
- "Environments of Care and Patient Populations" *
- "Healthcare Design Studio" *
- "Master's Project in Healthcare Design I"
- "Master's Project in Healthcare Deign II"

Describe how the title and curricular changes will affect students in the current program.

Currently, there are no students enrolled in the program, and as such there will not be any consequence as a result of title and curricular changes. The new cohort will be enrolled for Fall of 2019, which is the effective semester for implementation of proposed changes.

Describe any faculty, administrative or support service changes occurring along with the title and curriculum changes.

Similar to previous program but with some additional courses.

Provide evidence that the appropriate accreditation agencies been informed of the proposed change (if applicable).

Not applicable.

Describe how the effectiveness of the new curriculum will be monitored over time.

The effectiveness of the new curriculum for the Master of Health Care Design will be monitored through four measures: (1) students' performance; (2) students' feedback received in exit interviews; (3) graduation rate; and (4) job placement rate.

Submit a comparison of the currently authorized curriculum and the proposed curriculum.

Previously Authorized Curriculum	Credit Hours	Proposed Curriculum	Credit Hours
EVIDENCE BASED DESIGN IN HEALTH CARE	3	EVIDENCE-BASED DESIGN IN HEALTHCARE	2
HEALTH CARE FACILITIES I	3	HEALTH CARE FACILITIES DESIGN	2
HEALTH CARE FACILITIES II	3	HEALTHCARE ENVIRONMENTAL SYSTEMS	2
ENVIRONMENTAL HEALTH CONCEPTS IN PUBLIC HEALTH	3	ENVIRONMENTS OF CARE AND PATIENT POPULATIONS	2
HEALTH CARE SYSTEMS	3	PATIENT SAFETY AND SYSTEMS THINKING	2
MASTER'S PROJECT IN HEALTH CARE DESIGN I	6	MASTER'S PROJECT IN HEALTH CARE DESIGN I	3
		HEALTHCARE DESIGN WORKSHOP	3
		HEALTHCARE SYSTEMS WORKSHOP	3
		HEALTHCARE DESIGN STUDIO	6
		PRACTICAL EXPERIENCE	1
		DIRECTED ELECTIVES	variable

Describe changes to the following because of the request (if applicable):

- **Total number of credit hours for program completion**
  The total number of credit hours for the program is proposed to increase from 32 to 35.

- **Time to complete program**
  The expected time to complete the program will be two years. The proposed curriculum also provides a 1.5-year track option for students who wish to complete the degree in a shorter period.

Kent State University verifies that this request has received the necessary institutional approvals and that the above information is truthful and accurate.

Respectfully,

Todd A. Diacon, PhD
Executive Vice President for Academic Affairs and Provost