

Request for Graduate Course Addition

1. Prepare one paper copy with all signatures and supporting material and forward to the Graduate Council Chair.
2. E-mail one identical PDF copy to the Graduate Council Chair. If attachments included, please merge into a single file.
3. **The Graduate Council cannot process this application until it has received both the PDF copy and the signed hard copy.**

College: Health Professions Dept/Division: Public Health Alpha Designator/Number: PH 685 Graded CR/NC

Contact Person: Paul Kadetz Phone: 304-696-5772

NEW COURSE DATA:

New Course Title: Rural Health in Appalachia II: Malnutrition and Obesity

Alpha Designator/Number:

P	H	6	8	5					
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Title Abbreviation:

R	u	r	a	l		H	e	a	l	t	h		M	a	l	n	u	t	r	i	t	i	o	n
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(Limit of 25 characters and spaces)

Course Catalog Description: ^{Public Health} Overview of the specific issues in the social, cultural and built environments of the Appalachian region leading to adult and childhood obesity and the evidence base for interventions.
(Limit of 30 words)

Co-requisite(s): Not Applicable First Term to be Offered: Fall 2017

Prerequisite(s): Not Applicable Credit Hours: 2

Course(s) being deleted in place of this addition (must submit course deletion form): Not Applicable

Signatures: if disapproved at any level, do not sign. Return to previous signer with recommendation attached.

Dept. Chair/Division Head <u>Maryanne</u> <u>1/25/18</u> <u>CM</u>	Date <u>3/10/17</u>
Registrar <u>Soyka</u> <u>1/29/18</u> <u>SSC</u>	Date <u>3/7/17</u>
College Curriculum Chair <u>[Signature]</u> <u>1/26/18</u> <u>SSC</u>	Date <u>3/10/17</u>
Graduate Council Chair _____	Date _____

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Prerequisite(s): Not Applicable Credit Hours: 2

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Dept. Chair/Division Head _____	Date _____
Registrar _____	Date _____
College Curriculum Chair _____	Date _____
Graduate Council Chair _____	Date _____

Request for Graduate Course Addition - Page 2

College: Health Professions

Department/Division: Public Health

Alpha Designator/Number: PH 685

Provide complete information regarding the new course addition for each topic listed below. Before routing this form, a complete syllabus also must be attached addressing the items listed on the first page of this form.

1. FACULTY: Identify by name the faculty in your department/division who may teach this course.

MPH Faculty and Invited Speakers

2. DUPLICATION: If a question of possible duplication occurs, attach a copy of the correspondence sent to the appropriate department(s) describing the proposal. Enter "**Not Applicable**" if not applicable.

Not Applicable

3. REQUIRED COURSE: If this course will be required by another department(s), identify it/them by name. Enter "**Not Applicable**" if not applicable.

Not Applicable

4. AGREEMENTS: If there are any agreements required to provide clinical experiences, attach the details and the signed agreement. Enter "**Not Applicable**" if not applicable.

Not Applicable

5. ADDITIONAL RESOURCE REQUIREMENTS: If your department requires additional faculty, equipment, or specialized materials to teach this course, attach an estimate of the time and money required to secure these items. (Note: Approval of this form does not imply approval for additional resources.) Enter "**Not Applicable**" if not applicable.

Not Applicable

6. COURSE OBJECTIVES: (May be submitted as a separate document)

Upon completion of the course, students will:

- 1) Discuss the factors impacting on malnutrition in the rural context.
- 2) Identify the sociocultural and built environment factors that impact malnutrition in rural Appalachia.
- 3) Conduct Anthropometry and Built Environment analyses.
- 4) Identify the reasons for the success of certain interventions for rural obesity.
- 5) Design an intervention for malnutrition in a specific community of rural Appalachia.

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7. COURSE OUTLINE (May be submitted as a separate document)

Week 1 What is Malnutrition?

Week 2 The Biology and Pathology of Obesity.

Week 3 Theoretical Framework for Malnutrition and Obesity: Social Ecological Framework

Week 4 Assessing Obesity: BMI and Anthropometry.

Week 5 Field Visit I: Conducting Malnutrition Assessments.

(Malnutrition Assessment Exercise Due)

Week 6 The Built Environment and Obesity. (Chapter 8, 14)

Week 7 The Social Environment and Obesity. (Introduction, Chapter 7)

Week 8 The Cultural Environment and Obesity. (Chapter 2, 4, 12)

Week 9 Field Visit II: Conducting a Built-Environment Analysis to determine access to healthy nutrition.

(Built Environment Analysis Due)

Week 10 Managing Obesity in Rural Appalachia. (Chapter 11)

Week 11 Peer-influence and social networks and social support. (Chapter 30)

Week 12 Nutritional Education in the Community: Healthy Eating. (Chapter 25)

Week 13 Obesity Treatment and Prevention in Appalachia. (Chapter 20)

Week 14 Community-Based Participatory Research. (Chapter 17)

(Identifying Social and Cultural Factors)

Week 15 Field Visit III: Intervening with Obesity in the Community with a Positive Deviance Approach.

Week 16 Sustainable Solutions for Health Equity and Malnutrition. (Chapter 21)

Week 17 (Design a Malnutrition Intervention)

8. SAMPLE TEXT(S) WITH AUTHOR(S) AND PUBLICATION DATES (May be submitted as a separate document)

Brennan, V. M., In Kumanyika, S. K., & In Zambrana, R. E. (2014). Obesity interventions in underserved communities: Evidence and directions. Baltimore: Johns Hopkins University Press. ISBN:978-1421415451.

9. EXAMPLE OF INSTRUCTIONAL METHODS (Lecture, lab, internship)

Lecture, videos, discussions, Field Visits.

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10. EXAMPLE EVALUATION METHODS (CHAPTER, MIDTERM, FINAL, PROJECTS, ETC.)

Assessments and Final Proposed Intervention.

11. ADDITIONAL GRADUATE REQUIREMENTS IF LISTED AS AN UNDERGRADUATE/GRADUATE COURSE

Not Applicable.

12. PROVIDE COMPLETE BIBLIOGRAPHY (May be submitted as a separate document)

Brennan, V. M., In Kumanyika, S. K., & In Zambrana, R. E. (2014). *Obesity interventions in underserved communities: Evidence and directions*. Baltimore: Johns Hopkins University Press. ISBN:978-1421415451.

Dinour, L. M., Bergen, D., & Yeh, M. C. (2007). The food insecurity–obesity paradox: a review of the literature and the role food stamps may play. *Journal of the American Dietetic Association*, 107(11), 1952-1961.

Franklin, B., Jones, A., Love, D., Puckett, S., Macklin, J., & White-Means, S. (2012). Exploring mediators of food insecurity and obesity: a review of recent literature. *Journal of community health*, 37(1), 253-264.

Popkin, B. M., Paeratakul, S., Zhai, F., & Ge, K. (1995). A review of dietary and environmental correlates of obesity with emphasis on developing countries. *Obesity Research*, 3(S2), 145s-153s.

Prentice, A. M. (2006). The emerging epidemic of obesity in developing countries. *International journal of epidemiology*, 35(1), 93-99.

Shafique, S., Akhter, N., Stallkamp, G., de Pee, S., Panagides, D., & Bloem, M. W. (2007). Trends of under-and overweight among rural and urban poor women indicate the double burden of malnutrition in Bangladesh. *International Journal of Epidemiology*, 36(2), 449-457.

Tanumihardjo, S. A., Anderson, C., Kaufer-Horwitz, M., Bode, L., Emenaker, N. J., Haqq, A. M., ... & Stadler, D. D. (2007). Poverty, obesity, and malnutrition: an international perspective recognizing the paradox. *Journal of the American Dietetic Association*, 107(11), 1966-1972.

Uauy, R., Albala, C., & Kain, J. (2001). Obesity trends in Latin America: transiting from under-to overweight. *The Journal of nutrition*, 131(3), 893S-899S.

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Please insert in the text box below your course summary information for the Graduate Council agenda. Please enter the information exactly in this way (including headings):

Department:

Course Number and Title:

Catalog Description:

Prerequisites:

First Term Offered:

Credit Hours:

Department: Public Health

Course Number and Title: PH 685 Rural Health in Appalachia II: Malnutrition and Obesity

Catalog Description: Overview of the specific public health issues in the social, cultural and built environments of the Appalachian region leading to adult and childhood obesity and the evidence base for interventions.

Prerequisites: NONE

First Term Offered: Fall 2017

Credit Hours: 2

COURSE TITLE/NUMBER	Rural Health in Appalachia II: Malnutrition and Obesity/ PH685
SEMESTER/YEAR	Fall 2017
DAYS/TIME	TBD
CREDIT HOURS	2
LOCATION	TBD
INSTRUCTOR	MPH Faculty
OFFICE/PHONE	TBD
E-MAIL	TBD
OFFICE HOURS	TBD
CFE/UNIVERSITY POLICIES	By enrolling in this course, you agree to the <i>Marshall University Policies</i> , and thus it is essential that you understand them. Please review these at the Academic Affairs website: http://muwww-new.marshall.edu/academic-affairs/policies/

COURSE DESCRIPTION: FROM CATALOG

Overview of the specific public health issues in the social, cultural and built environments of the Appalachian region leading to adult and childhood obesity and the evidence base for interventions.

STUDENT LEARNING OUTCOMES IDENTIFIED IN THIS COURSE:

Upon completion of the course, students will:

- 1) Discuss the factors impacting on malnutrition in the rural context.
- 2) Identify the sociocultural and built environment factors that impact malnutrition in rural Appalachia.
- 3) Conduct Anthropometry and Built Environment analyses.
- 4) Identify the reasons for the success of certain interventions for rural obesity.
- 5) Design an intervention for malnutrition in a specific community of rural Appalachia.

COURSE STUDENT LEARNING OUTCOMES	HOW PRACTICED IN THIS COURSE	HOW ASSESSED IN THIS COURSE
1) Discuss the factors impacting on malnutrition in the rural context.	Lecture, discussions, Field Visits.	Assessments
2) Identify the sociocultural and built environment factors that impact malnutrition in rural Appalachia.	Lecture, videos, discussions, Field Visits.	Assessments and proposed intervention
3) Conduct Anthropometry and Built Environment analyses.	Lecture, videos, Field Visits.	Assessments
4) Identify the reasons for the success of certain interventions for rural obesity.	Lecture, discussions, Field Visits.	Assessments and proposed intervention
5) Design an intervention for malnutrition in a specific community of rural Appalachia.	Lecture, discussions, Field Visits.	Proposed intervention

REQUIRED TEXTS, ADDITIONAL READING, AND OTHER MATERIALS

Brennan, V. M., In Kumanyika, S. K., & In Zambrana, R. E. (2014). Obesity interventions in underserved communities: Evidence and directions. Baltimore: Johns Hopkins University Press. ISBN:978-1421415451.

RECOMMENDED MATERIALS

Dinour, L. M., Bergen, D., & Yeh, M. C. (2007). The food insecurity–obesity paradox: a review of the literature and the role food stamps may play. *Journal of the American Dietetic Association*, 107(11), 1952-1961.

Franklin, B., Jones, A., Love, D., Puckett, S., Macklin, J., & White-Means, S. (2012). Exploring mediators of food insecurity and obesity: a review of recent literature. *Journal of community health*, 37(1), 253-264.

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COURSE REQUIREMENTS

3 Assessments at 25% each = 75%
Design of Malnutrition Intervention 25%

GRADING POLICY

Grades will be determined by the following scale:

90-100	A
80-89	B
70-79	C
60-69	D
<60	F

Criteria for grading-

“A”- Student should demonstrate excellent knowledge in the topics covered and should participate actively in the classroom discussion, should be able to answer 90% or more of the questions in quizzes/exams correctly.

“B”- Student should demonstrate good knowledge in the topics covered and should participate actively in the classroom discussion, should be able to answer 80% or more of the questions in quizzes/exams correctly.

“C”- Student should demonstrate satisfactory knowledge in the topics covered and should participate actively in the classroom discussion, should be able to answer 70% or more of the questions in quizzes/exams correctly.

“D”- Student should demonstrate satisfactory knowledge in the topics covered, should be able to answer 60% or more of the questions in quizzes/exams correctly.

“F”- Student fails to demonstrate satisfactory knowledge in the topics covered, fails to participate actively in the classroom discussion, scores less than 60% of the questions in quizzes/exams.

ATTENDANCE POLICY

This class meets weekly. While attendance is not required, lectures may not be replicated on Blackboard, thus students are encouraged to maintain regular attendance.

ADDITIONAL POLICIES

1. **Accountable material and preparation.** Class sessions are conducted based on the expectation that students complete all appropriate readings and/or assignments as scheduled. This facilitates better questions, discussion, and learning. Exam and quiz questions may be based on both out-of-class assignments and material presented in class.
2. **Electronic devices.** Electronic devices (smartphones, PDAs, laptops, etc.) can be a valuable asset in the classroom. However, if used inappropriately, these can be a distraction. Students should utilize these devices in class only for educational purposes, and are requested to be unobtrusive in their use (including silencing cell phone ringers). Please note that social media, “tweeting”, and real time chat are not appropriate in the classroom unless part of a classroom exercise.
3. **Intellectual property notice:** Many materials used in this class are copyrighted, while others represent content and product of the instructor and/or Marshall University. While students may share notes and engage in discussions regarding their work in the course, recording or distribution of course content is not permitted. Students should enquire of the instructor for clarification regarding exceptions.
4. **Academic integrity:** Students should refer to the Student Handbook to ensure understanding of policies concerning academic honesty and integrity, including plagiarism and cheating. Unless specified by the instructor, no electronic devices, notes, or other non-approved assistance is permitted during any exam.
5. **Disability accommodation.** The instructor will endeavor to accommodate students with a disability. It is requested that the student notify the instructor at the earliest

- possible time regard anticipated assistance which may be required.
6. **Vigilance.** Students are expected to access their MU e-mail address and MU On-line regularly for information related to the course.
 7. **Missed classes:** If you are absent, it is the student's responsibility to find out from a classmate what notes, handouts, assignments, or other course material you missed and to make arrangements to receive those.
 8. **Make-up assignments and exams:** Students who miss scheduled exams or assignments may make them up in the event of a University-excused absence or medical emergency. In any other situation, a student may request a make-up, but if the request is granted, such may be a different exam or assignment.
 9. **Office hours:** As posted and by appointment.
 10. **Inclement Weather:** If inclement weather results in class cancellation, students are directed to carefully review posted material posted for that session, as we will endeavor to maintain the planned course schedule, including exams which may include that content.
 11. **Reasonable change with notice.** In order to facilitate unforeseen circumstances, as well as act in the best interest of students and the university, the terms and schedule in this syllabus are subject to prudent change with reasonable notice.

Course Schedule

Week	Topic
1	What is Malnutrition?
2	The Biology and Pathology of Obesity.
3	Theoretical Framework for Malnutrition and Obesity: The Social Ecological Framework
4	Assessing Obesity: BMI and Anthropometry.
5	Field Visit I: Conducting Malnutrition Assessments.
	Malnutrition Assessment Exercise Due
6	The Built Environment and Obesity. (Chapter 8, 14)
7	The Social Environment and Obesity. (Introduction, Chapter 7)
8	The Cultural Environment and Obesity. (Chapter 2, 4, 12)
9	Field Visit II: Conducting a Built-Environment Analysis to determine access to healthy nutrition.
	Built Environment Analysis Due
10	Managing Obesity in Rural Appalachia. (Chapter 11)
11	Peer-influence and social networks and social support. (Chapter 30)
12	Nutritional Education in the Community: Healthy Eating. (Chapter 25)
13	Obesity Treatment and Prevention in Appalachia. (Chapter 20)
14	Community-Based Participatory Research. (Chapter 17)
	Identifying Social and Cultural Factors Assessment Due
15	Field Visit III: Intervening with Obesity in the Community with a Positive Deviance Approach.
16	Sustainable Solutions for Health Equity and Malnutrition. (Chapter 21)
	Design for Malnutrition Intervention Due