	Name:	Anna Luci Wymer	Submission	Date: 11/10/2014	x
Organization: Admin Affairs & Grad			luate Education		
Course Catalog Update					
<< Go back to Course Ca	talog Update	form			Print
Course Catalog Update Ir	nformation:				STU0004
Reference Number: CCU007710			Date: 09-OCT-14		
Level: 2.00 of 2.00			Currently On The W chackne1	orklist Of: Catherine Hac	kney,
Owner: Office of Curriculu	m Services, 3	30-672-8558 or 330-		@kent.edu	
Basic Course Data					
Change type: Revise					
Faculty member submitti	ing this prop	osal: Dr. Tricia Niesz			
Requested Effective Tern					
Campus: Kent					
College: EH-Education, Hea	alth and Huma	n Services			
Department: FLA-Foundat		•			
Course Subject: EVAL-Eva		easurement			
New Course Subject: Course Number: 68714					
New Course Number: Course Title: FACTOR ANA					
Title Abbreviation: FACTOR					
Slash Course and Cross-I			/// 7071/		
Credit Hours		OII. EVAL 00714 + E	TAL 70714		
Minimum Credit/Maximu	m Credit: 3 t	0.3			
Contact Hours: Lecture -			Irs : 3 to 3		
Contact Hours: Lab - Min			3. 5 10 5		
Contact Hours: Other - M			•		
Attributes			•		
Is this course part of the	ER WIC or	Diversity requirem	ents: No		
If yes, course attributes:		Diversity requirem			
Can this course be repea		• No Repeat	Course Limit:	OR Maximum Hours	s.
Course Level: Graduate					
Rationale for an IP grade request for this course (if applicable): Schedule Type(s): 1. LEC-Lecture 2. 3.					
Credit by Exam: N-Credit					
Prerequisites & Descripti	2				
Current Prerequisite/Cor		alog Description: ((Cross-listed with EVAL	78714) This course develo	os the ability
of students to conceptualize confirmatory procedures. Pr	e and apply the	e logic and technique	s of factor analysis. Th	e focus is on both explorate	
Catalog Description (edit techniques of factor analysi					c and
Prerequisites (edited): P	rerequisite: Gr	aduate standing; EV	AL 65510		
Corequisites (edited):					
Registration is by special approval only: No					
Content Information					
Content Outline:					

Content Hours per Course Topic	Topic Description
9	Introduction. Basic preparatory concepts and operations. Full Component Model. The Common Factor Model.
3	Path models for factor analysis.
3 3	Matrix algebra and factor analysis.
3	Geometric representation of factor models.
3	Diagonal and multiple-group analysis.
3 3	Principle factor solutions.
3	Confirmatory maximum likelihood solutions.
3	Principles for rotation of factors. Orthogonal rotation.
3	Oblique rotation. Comparing alternative solutions.
3 3	Higher order factors.
3	Factor scores.
6	Interpretation of SAS and SPSS factor analysis data.
1.5	hited Course Outline
Total Contac	t Hours: 45

Total Contact Hours: 45

Textbook(s) used in this course: Pett et al. (2003). Making sense of factor analysis: The use of factor analysis for instrument development in health care research. Sage. Thompson. (2004). Exploratory and confirmatory factor analysis: Understanding concepts and applications. APA.

Writing Expectations: There are 4 homework assignments in the course. Within each assignment, doctoral students have two more questions to answer than master's students. These two questions require in-depth discussion about the models and methods learned in the class.

Instructor(s) expected to teach: Dr. Jian Li

Instructor(s) contributing to content: Dr. Jian Li

Proposal Summary

Explain the purpose for this proposal:

The purpose of this proposal is to remove a prerequisite for this course, leaving only one prerequisite. The prerequisite we propose to remove is no longer necessary. This course is only offered every two years, so instructors have made the course accessible to our students who are earlier in their coursework so that they do not miss the opportunity to take it. As such, the prerequisite is no longer necessary. We also took the opportunity of this proposal to update the textbook, writing expectations, and instructor.

Explain how this proposal affects program requirements and students in your unit:

No effects except that more of our students will be able to take this course.

Explain how this proposal affects courses, program requirements and student in other units:

No effects.

Explain how this proposal affects enrollment and staffing:

No effects except that more of our students will be able to take this course.

Units consulted (other departments, programs or campuses affected by the proposal):

Program faculty voted to approve this proposal (unanimous).

Revisions made to form (if applicable):

Course Content	Number
Credit by Exam	Prerequisites
Credit Hours	Schedule Type
Cross-Listed / Slash	Subject
Description	Title
Diversity	Title Abbreviation
Grade Rule	Writing-Intensive (WIC
Liberal Education Requirement (LER)	✓ Other

Comments (500 Character Maximum):

NOTE: Please do not use the following restricted characters: (~ * / \ --)

Approve

Return To Initiator Return To Prior Approver Deny

Comments:

Date	User	Comment
10/29/2014	Tricia Niesz-	Other revisions: instructor, textbook, and
	Kutsch	writing expectations.

History:

Date	User	Status
10/29/2014	Mark A Kretovics	Approved
10/29/2014	Tricia Niesz-Kutsch	Submitted

	Name:	Anna Luci Wymer	Submission Date: 11/10/2014	X
Organization: Admin Affairs & Grad		Admin Affairs & Grad	duate Education	
Course Catalog Update				
<< Go back to Course Ca	talog Update	form	F	Print
Course Catalog Update Information: STU000				
Reference Number: CCUC			Date: 09-OCT-14	
Level: 2.00 of 2.00			Currently On The Worklist Of: Catherine Hackney, chackne1	
Owner: Office of Curriculu	m Services, 3	30-672-8558 or 330-	672-8559, curriculum@kent.edu	
Basic Course Data				
Change type: Revise				
Faculty member submitt	ing this prop	osal: Tricia Niesz		
Requested Effective Tern	n: 201580			
Campus: Kent				
College: EH-Education, Hea	alth and Huma	in Services		
Department: FLA-Foundat				
Course Subject: EVAL-Eva		•	·	
New Course Subject:				
Course Number: 78714				
New Course Number:				
Course Title: FACTOR ANA	LYSIS IN EDU	CATIONAL RESEARCH	ł	
Title Abbreviation: FACTC	DR ANALYSIS			
Slash Course and Cross-I	ist Informati	on: EVAL 68714 + EV	VAL 78714	
Credit Hours				
Minimum Credit/Maximu	Im Credit: 3 t	o 3		
Contact Hours: Lecture -	Minimum He	ours/Maximum Hou	Irs: 3 to 3	
Contact Hours: Lab - Min	imum Hours	/Maximum Hours:		
Contact Hours: Other - M	linimum Hou	rs/Maximum Hours	:	
Attributes				
Is this course part of the	Is this course part of the LER, WIC or Diversity requirements: No			
If yes, course attributes:	1. 2. 3.			
Can this course be repea	ted for credit	t: No Repeat	Course Limit: OR Maximum Hours:	
Course Level: Graduate			Grade Rule: B-Standard letter	
Rationale for an IP grade	e request for	this course (if appl	icable):	
Schedule Type(s): 1. LEC-Lecture 2. 3.				
Credit by Exam: N-Credit by exam-not approved				
Prerequisites & Descriptions				
of students to conceptualize	e and apply the	e logic and techniques	Cross-listed with EVAL 68714) This course develops the a s of factor analysis. The focus is on both exploratory and 65510; and EVAL 78716 or 85515.	bility
			ty of students to conceptualize and apply the logic and and confirmatory procedures.	
Prerequisites (edited): P	rerequisite: do	octoral standing; EVAl	_ 75510	
Corequisites (edited):				
Registration is by special approval only: No				
Content Information				
Content Outline:				

Content Hours per Course Topic	Topic Description
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Display/Hide Delim	ited Course Outline

Total Contact Hours: 45

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Revisions made to form (if applicable):

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Comments:

Date	User	Comment
10/29/2014	Tricia Niesz-	Other revisions: instructor, textbook, and
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History:

Date	User	Status
10/29/2014	Mark A Kretovics	Approved
10/29/2014	Tricia Niesz-Kutsch	Submitted