EDSP 748 Advanced Studies in Behavior Problems-CrsRvs-2015-04-28

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Form Information

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Proposing Department/Unit*	EDSP	Contact Phone*	724.357.3788

Course Level* graduate-level

Course Revisions

(Check all that apply; fill out categories below as specified; i.e. if only changing a course title, only complete Category A)

Category A:	Category B:
catalog_desc_change course_title_change	course_revision distance-education
	* Teacher Education: Please complete the Teacher
	Education section of this form (below)
	* Liberal Studies: Please complete the Liberal Studies
	section of this form (below)
	* Distance Education: Please complete the Distance
	Education section of this form (below)

Rationale for Proposed Changes (All Categories)

(A) Why is the course being revised /deleted:* A new graduate-level program is being developed collaboratively between the EDEX and EDSP departments. This graduate-level program will allow students to fulfill course requirements making them eligible for the Board Certified Behavior Analyst (BCBA) credential from the nationally-recognized Behavior Analysis Certification Board (BACB). The BACB has specific standards that must be taught in courses that fulfill BCBA credentialing requirements. These required standards do not align with the content presently taught in EDSP 748. The substantive content changes will, consequently, require changes to the title and course description. Further, this proposal seeks approval for the revised EDSP 748 to be delivered in Distance Education format. This will provide IUP and the EDEX and EDSP departments increased marketability and enrollment for this new program.

(B) University Senate Summary of Rationale*	Please enter a single paragraph summary/rationale of changes or proposal for University Senate. A new graduate-level program is being developed collaboratively between the EDEX and EDSP departments. This graduate-level program will allow students to fulfill course requirements making them eligible for the Board Certified Behavior Analyst (BCBA) credential from the nationally-recognized Behavior Analysis Certification Board (BACB). The BACB has specific standards that must be taught in courses that fulfill BCBA credentialing requirements. These required standards do not align with the content presently taught in EDSP 748. The substantive content changes will, consequently, require changes to the title and course description. Further, this proposal seeks approval for the revised EDSP 748 to be delivered in Distance Education format. This will provide IUP and the EDEX and EDSP departments increased marketability and enrollment for this new program.
(C) Implications of the change on the program, other	EDSP 748 is a core course in the existing MEd in Educational Psychology and doctoral program in School Psychology. Revisions to EDSP 748 will not adversely affect students in these programs as this course will remain a required course in both programs. In fact, students in both of those programs have the option of taking the additional sequence of courses related to the Board Certified Behavior Analyst (BCBA) credential. Consequently, students in those two programs can elect to gain an additional credential while simultaneously completing their primary degree. These implications to MEd and doctoral students are not viewed as adverse; rather, these are viewed as only positive implications for current and future students.
programs and the Students:*	The proposed revisions to EDSP 748 should not adversely affect any other program or students. This revision will only increase IUP's ability to market and attract more students interested in obtaining the nationally-recognized BCBA credential.

Current Course Information*		Proposed Changes		
	c	ategory	A	
(D) Cu rre nt Pr efi x*	EDSP	Prop osed Prefix	EDSP	
(E) Cu rre nt Nu mb er*	748	Prop osed Num ber	748	
(F) Cu rre nt Co urs e Titl e*	Advanced Studies in Behavior Problems	Prop osed Cour se Title	Fundamentals of Behavior Change	
(G) Pr ere qui sit e (s)	None	Prop osed Prer equi site (s)	None	
(H) Cu rre nt Ca tal og De scr ipti on	This course will examine behavior problems encountered in classroom situations from the perspective of a functional analysis of behavior. The principles and procedures of applied behavior analysis (ABA) will be the basis of the course. Students will develop skills in analyzing school behavior problems and planning and implementing preventative and remedial techniques, including behavior plans that are appropriate for students with learning and behavioral disabilities.	Prop osed Cata log Desc ripti on	Examines behaviors encountered in a variety of settings, including homes, schools, workplaces, and community settings, from the perspective of a functional analysis of behavior. Foundational principles of applied behavior analysis and behavior change procedures will be the basis of the course. Students will develop competencies related to analyzing prosocial and problematic behavior and implementing behavior plans appropriate for individuals and groups within multiple contexts via a case study project.	
	If changing Category	A, no f	iurther action required.	
	Category B (if r	no chan	ge, leave blank)	

(I) Nu mb er of Cr edi ts	Class Hours:3 Lab Hours:0 Credits:3	Prop osed Num ber of Cred its	Class Hours:3 Lab Hours:0 Credits:3
(J) Cu rre nt Co urs e (St ud ent Le arn ing) Ou tco mes	 General course objectives for the student include: I. Understand and apply behavioral assessment techniques Apply principles and procedures of applied behavior analysis to address the behavioral needs of an individual Demonstrate knowledge of and basic skill at conducting functional behavioral assessment Demonstrate knowledge of research-based interventions to facilitate behavior change Develop skills to evaluate the success of behavioral interventions Develop an awareness of the impact of a student's cultural and linguistic background in implementing behavior change programs Understand and critically evaluate the principles of positive behavior support as applied to individuals, classrooms, and school systems Be cognizant of legal and ethical issues regarding behavior change programs Use technology to support research efforts in studying students' behavior problems 	Prop osed Cour se (Stu dent Lear ning) Outc omes	 The student will: Distinguish between positive and negative reinforcement and positive arr negative punishment Describe and evaluate different schedules of reinforcement and punishment Discriminate between differential reinforcement contingencies Classify and appraise various prompting and fading procedures Define types of contracting and group contingencies Identify modeling and imitation techniques Define and illustrate shaping techniques Explain and evaluate different chaining procedures Conduct task analyses Discuss extinction procedures Implement and evaluate a comprehensive intervention that considers antecedent manipulation, reinforcement, punishment, and extinction procedures Discriminate the verbal operants
(K) Du al Lis ted Co urs es On ly: Lis t Cu rre t Le arn ing Ob jec tiv es for		Dual Liste d Cour ses Only: List Prop osed Lear ning Obje ctive s for the High er- Leve I Cour se	
the Hi gh er- Le vel Co urse			
(L) Bri ef Co urs e Ou	As outlined by the federal definition of a "credit hour", the following should be a consideration regarding student work - For every one hour of classroom or direct faculty instruction, there should be a minimum of two hours of out of class student	Brief Cour se Outli ne <i>(Giv</i>	As outlined by the federal definition of a "credit hour", the following should be a consideration regarding student work - For every one hour of classroom or direct faculty instruction, there should be a minimum of two hours of out of class student work.
tline	work. The following was excerpted from a syllabus used in a recent semester:	e suffi cient detai I to com muni cate	Topics Covered (Sub-topics are provided for potential review by discipline accreditors)

Week	Торіс
1	Introduction to Course
	History of Applied Behavior Analysis
2	Behavioral Objectives
3	Assessment of Behavior
4	Functional Behavioral Assessment
5	Graphing Data
6	Single-Subject Designs
7	Techniques to Increase Behavior
8	Techniques to Decrease Behavior
9	Differential Reinforcement (Antecedent Control, Prompts, Shaping, Fading)
10	Generalization
11	Self-Management
12	Positive Behavioral Interventions and
	Supports
13	ABA and Legal / Ethical Issues
14	Project Presentations
15	Project Presentations

әсе Schedules of reinforcement and punishment sar Primary and secondary reinforcers to Generalized reinforcers clu Types of positive and negative reinforcement Types of positive and negative punishment nec Types of schedules of reinforcement and punishment Ċ Effect of schedules of reinforcement and punishment on behavior Unwanted effects of reinforcement and punishment ad Differential reinforcement (e.g., DRO, DRA, DRI, DRL, DRH) qs. ale dar C. Prompts; Modeling; Fading Stimulus control ssi Types of prompts, including verbal, visual, models, and physical nm guidance nts) Types of models and influences on the efficacy of models Types of fading procedures, including increasing assistance, stimulus fading, and decreasing assistance D. Shaping; Task Analysis; Chaining; Review · Role of shaping on behavior change Differential reinforcement · Conducting a task analysis within the context of an individualized learner · Forward, backward, and total task chaining procedures · Effect of chaining procedure on behavior · Distinguishing shaping and chaining E. Extinction Definition of extinction Common misconceptions of extinction Extinction procedures performed correctly and incorrectly Legal, ethical, and practice considerations of extinction Unwanted side effects of extinction · Combining reinforcement with punishment and extinction F. Antecedent interventions via motivating operants and discriminative stimuli Manipulating antecedents, such as motivating operations and discriminative stimuli Discrimination training Instructions and rules G. Contingency contracting; Group Contingencies Contigency contracting Independent, interdependent, and dependent group contingencies • Practical, legal, and ethical issues related to group contingencies H. Stimulus equivalent training; matching laws; high-probability requests; Premack principle Ethical, practical, and legal use of stimulus equivalence training Using the matching law to understand facts influencing choice Arranging high-probability requests Behavioral momentum I. Pairing procedures to condition reinforcers or punishers; Review Using pairing procedures to establish new conditioned reinforcers and punishers

A. Introduction to course; review of basic principles in applied behavior analysis

- Antecedents (motivating operants and short-term triggers)
- ٠ Behavior operationalized in observable and measurable terms
 - Consequences (reinforcement and punishment)
- Public versus private events

Direct and indirect methods of quantifying behavior including frequency, rate, duration, latency, interval recording, topography, locus, and magnitude

B. Positive and negative reinforcement; Positive and negative punishment;

 J. Errorless learning; matching-to-sample procedures Discrete trial teaching Behavioral momentum
 K. Verbal Operants; Echoic; Mand; Intraverbal; Tact Using the verbal operants for language assessment Using echoic, mand, tact, intraverbal, and listener training

Distance Education Section

- Complete this section only if adding Distance Education to a New or Existing Course

lf Completing this Section,	distance-education
Check the Box to the Right:	
Course Prefix /Number	EDSP 748
Course Title	Fundamentals of Behavior Change
Type of Proposal	See CBA, Art. 42.D.1 for Definition online
Brief Course Outline	Give an outline of sufficient detail to communicate the course content to faculty across campus. It is not necessary to include specific readings, calendar or assignments. As outlined by the federal definition of a "credit hour", the following should be a consideration regarding student work - For every one
	hour of classroom or direct faculty instruction, there should be a minimum of two hours of out of class student work.
	Topics Covered (Sub-topics are provided for potential review by discipline accreditors) A. Introduction to course; review of basic principles in applied behavior analysis • Antecedents (motivating operants and short-term triggers) • Behavior operationalized in observable and measurable terms • Consequences (reinforcement and punishment) • Public versus private events • Direct and indirect methods of quantifying behavior including frequency, rate, duration, latency, interval recording, topography, locus, and magnitude
	 B. Positive and negative reinforcement; Positive and negative punishment; Schedules of reinforcement and punishment Primary and secondary reinforcers Generalized reinforcers Types of positive and negative reinforcement Types of positive and negative punishment Types of schedules of reinforcement and punishment on behavior Effect of schedules of reinforcement and punishment Differential reinforcement (e.g., DRO, DRA, DRI, DRL, DRH)
	 C. Prompts; Modeling; Fading Stimulus control Types of prompts, including verbal, visual, models, and physical guidance Types of models and influences on the efficacy of models Types of fading procedures, including increasing assistance, stimulus fading, and decreasing assistance

	Forward, backward, and total task chaining procedures Effect of chaining procedure on behavior Distinguishing shaping and chaining
E. E	xtinction
•	Definition of extinction
٠	Common misconceptions of extinction Extinction procedures performed correctly and incorrectly
	Legal, ethical, and practice considerations of extinction Unwanted side effects of extinction
•	Combining reinforcement with punishment and extinction
F. A	ntecedent interventions via motivating operants and discriminative stimuli
•	Manipulating antecedents, such as motivating operations and discriminative stimuli
•	Discrimination training Instructions and rules
G. C	Contingency contracting; Group Contingencies
	Contigency contracting
•	Independent, interdependent, and dependent group contingencies Practical, legal, and ethical issues related to group contingencies
н. s	timulus equivalent training; matching laws; high-probability requests; Premack principle
	Ethical, practical, and legal use of stimulus equivalence training
	Using the matching law to understand facts influencing choice Arranging high-probability requests
	Behavioral momentum
I. Pa	airing procedures to condition reinforcers or punishers; Review
•	Using pairing procedures to establish new conditioned reinforcers and punishers
J. E	rrorless learning; matching-to-sample procedures
•	Discrete trial teaching
•	Behavioral momentum
K. V	erbal Operants; Echoic; Mand; Intraverbal; Tact
•	Using the verbal operants for language assessment Using echoic, mand, tact, intraverbal, and listener training
•	

How is/are the instructor (s) qualified in the Distance Education delivery method as well as the discipline?	 Dr. Runge has previously taught EDSP 102, 373, 477, 624 as distance education courses using both I originally developed the materials for EDSP 373 and 624 to be delivered via distance format, so he had courses for online delivery. Prior to working at IUP, Dr. Runge facilitated online learning in the area of behavioral assessment for the of Education using Moodle. In addition to teaching these courses via distance format, he regularly uses D2L for his traditional cour information, avenue to facilitate discussion between class meetings, and administration of exams and 	s experience developing new the Pennsylvania Department rses as a repository of
For each outcome in	Objective Covered	How Outcome is
the course, describe		Achieved
how the outcome will	1. Distinguish between positive and negative reinforcement and positive and negative punishment	Quiz #1, Discussion Board
be achieved using	2. Describe and evaluate different schedules of reinforcement and punishment 3. Discriminate between differential reinforcement contingencies	Quiz #1, Discussion Board Quiz #2, Small group activity
Distance Education	4. Classify and appraise various prompting and fading procedures	Quiz #1, Discussion Board
echnologies.	5. Define types of contracting and group contingencies	Quiz #2, Small group activities
	6. Identify modeling and imitation techniques	Quiz #1, Discussion Board
	7. Define and illustrate shaping techniques	Quiz #1, Discussion Board
	8. Explain and evaluate different chaining procedures	Quiz #1, Discussion Board
	9. Conduct task analyses	Quiz #1, Discussion Board
	10. Discuss extinction procedures	Quiz #2, Small group activities
	11. Develop comprehensive interventions that consider antecedent manipulation, reinforcement, punishment, and extinction procedures	Quiz #3, Case study and presentation
	12. Discriminate the verbal operants	Quiz #3
How will the nstructor- student and student-	Instructor-student interactions will occur via my detailed feedback on quiz essays, discussion board po specific feedback on assignments (e.g., small group activities and case study and presentation)	ostings and responses, and
student nteraction ake place?	Student-student interactions will occur via discussion board postings and responses and collaboration	on small group activities.
if applicable)	Regarding discussion board postings: Typically students choose from a menu of options (i.e., topics) a response to that topic. I then typically require students to reply to at least one of their peer's original p interaction among the students in an asynchronous manner.	
	Regarding small group activities: Typically I assign students to groups and give them a small task to conclude: applying or expanding on a topic I have recently taught; providing them with a real-life scenarior researching a topic; or learning a new topic well enough to teach others. I then require the small group class with a summary of their assigned task and how they responded / completed that task. These act the form of a jigsaw activity where each group does work that is then provided to everyone else so that each group's work.	to that they must address; p to provide the rest of the tivities, therefore, often take

How will student achievement be evaluated?	 Student achievement is evaluated via a number of assignments including: Adequacy and relatedness of original postings to discussion boards Adequacy and relatedness of replies to peers' original postings to discussion boards Individual performance on group activities Group performance on group activities Quizzes, inclusive of multiple choice, T/F, and essay Adequacy and comprehensiveness of completion of the case study Adequacy and thoroughness of presenting the case study to the class
How will academic honesty for tests	D2L quizzes are secure and locked for access only during pre-established times. Further, I have a rather extensive item test bank from which items are randomly drawn. Consequently, each student receives a different quiz.
and assignments be addressed?	Discussion board postings are tagged by the respondent automatically in D2L. It is unlikely that someone other than the student would be able to log on as the student and complete the discussion board postings.
	Group activities are tagged by the respondent automatically in D2L. It is unlikely that someone other than the student would be able to log on as the student and complete the group activities. Further, whenever I conduct a cooperative learning group, I have each member of the group provide confidential ratings to me of how well their groupmates participated in the assignment.
	The case study will be individually-assigned by the instructor. Responses to the case study have to be submitted via D2L.

Liberal Studies Section

- Complete this section only for a new Liberal Studies course or Liberal Studies course revision

If Completing this Section,

Check the Box to the Right:

earning Skills:	
Knowledge Area:	
Liberal Studies Elective	Please mark the designation(s) that apply - must meet at least one
Expected Undergraduate Student	Describe how each Student Learning Outcome in the course enables students to become Informed Learners, Empowered Learners and/or Responsible Learners
Learning Outcomes	See http://www.iup.edu/WorkArea/DownloadAsset.aspx?id=181694
(EUSLOs)	
Description of the Required	Narrative on how the course will address the Selected Category Content
Content for this Category	

Please answer the following questions.

Liberal Studies courses must include	
the perspectives and contributions	
of ethnic and racial minorities and	
of women whenever appropriate to	
the subject matter. Please explain	
how this course will meet this	
criterion.	
Liberal Studies courses require the	
reading and use by students of at	
least one non-textbook work of	
fiction or non-fiction or a collection	
of related articles. Please describe	
how your course will meet this	
criterion.	

Teacher Education Section

- Complete this section only for a new Teacher Education course or Teacher Education course revision

If Completing this Section,	
Check the Box to the Right:	
Course Designations:	
Key Assessments	
•	For both new and revised courses, please attach (see the program education coordinator): The Overall Program Assessment Matrix The Key Assessment Guidelines The Key Assessment Rubric File Modified No files shared here yet. Drag and drop to upload or browse for files
Narrative Description of the Required Content	How the proposal relates to the Education Major

For Deans Review

Are Resources Available/Sufficient for this Course?

Is the Proposal Congruent with the College Mission?

Has the Proposer Attempted to Resolve Potential Conflicts with Other Academic Units?

Comments:

Please scroll to the top and click the Page Status if you are ready to take action on the workflow. Please submit an ihelp if you have any questions http://ihelp.iup.edu