Submit originals and one copy and effective to Covernance (Fe India South Covernance) Fe India South Covernance (Fe India South Covernance) Fe India South Covernance (Fe India) India South Covernance (Fe India)

Department Spacerial Little Prepare May 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				3000 54	*** ISS OWN CONTRACTION
Preparate / Prepar	ncation		College/School	S	aboo lof Kituaation
	rffu3 _{lv}		.Khone		
Email Contact jhealy7@al	laska.edu		Faculty Contact		Joanne Hentary
					W. 1
CCURIPADERVERINEAN	JON:				
Dept EDSE	Course #	625	No. of Credits	3	
SOUKSETTITE I	[1] E. = 1=	.Taenhig	Mätllematics to Specia	r'Learners	
ACTION DESIRED:			II III II		
Change Course X If C	Change, indicated	helowint	etichagee ZNF		<u>i </u>
/ (UMIDEN SANSEN KFR	1 777		TO COUNTY	SCRIPTION	1, , , , , , , , , , , , , , , , , , ,
PREQUISITES -			PRETOVENC RITTE OF	FROM Z.T.	
CREDITS (including credit dist			COURSE CLASSIFIC	CATION	
CROSS-LISTED	Dept. +1	(Requi	res approval of both depa	rtments and deans	involund Add lines
CROSS EISTED			of form for such signature		
STACKED (400/8006)	II■ WINDE				
Include signaur.					
OTHER (please specify)					mmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmmm
must be approved by the sollege t			nen. i di dicținoțe, div co	re course compres	sed to less than six weeks musik
be approved by the core review co COURSE FORMAT: (check all that made), you COURSE FORMAD. (spacety)	7	2	β β β μ μ μ μ μ μ μ		
be approved by the core review co COURSE FORMAT: (check all that northply)	7""" (* 1971) 3. y L	2 1888			11 1188AAAAIIIAAA M YAA W YI 6 weeks to full
be approved by the core review co COURSE FORMAT: (check all that analysis) TITHER FORMAT. (spacify) that analysis, Mode and activery uspecify lecture, meru unbs. (COURSE CLASSIFICATIONS: (COURSE	a.y.L etc) (undergraduate cou			В	
be approved by the core review co COURSE FORMAT: (check all that analyly) TITLER FORMAT (specify) that analyly), Mode a facility of the core review co	(undergraduate cou			eria roung on Pa	
be approved by the core review co COURSE FORMAT: (check all that analyby) (thete all that analyby) Mode a facility of the core review co COURSE CLASSIFICATIONS: (If justification is medded, attac	(undergraduate cou th on separate shee	et.)	B B B B B B B B B B	eria roung on Pa	
be approved by the core review co COURSE FORMAT: (check all that analy), that analy), Mode and additional analy, lecture, meru unbs. COURSE CLASSIFICATIONS: (If justification is medded, attac H = Humanities Will this course be used	undergraduate couth on separate shee to fulfin a requirement it could.	et.) nenc .bewestb	B A William A William	eria toung on Pa	
be approved by the core review co COURSE FORMAT: (check all that analy), that analy), Mode and include the core review co COURSE CLASSIFICATIONS: (If justification is medded, attac H = Humanities Will this course be used for the baccalaureate con If YES, check which core required to a contract of the core required.	(undergraduate couh on separate sheet) to fulfin a requirement it could, without the wind the window of the windo	nent bauestt = Writing	Say. Use approved crite Say Secial Science Satisfication Satisfication Satisfication Satisfication Satisfication	eria toung on Pa	ge 10 & 17 or the manual.
be approved by the core review co COURSE FORMAT: (check all that make) by y CITHER FORMAJ. (spacify that analy), Mode of activery ispecify lecture, nero most impeded, attact H = Humanities Will this course be used for the baccalaureate con If YES, check which core required to the core required to	undergraduate coute to fulfin a requirements it could with the course can be required to course	bausestt = Writing	Sacial Saion Sacial Saion Sacial Saion Saluminithe inches	eria ioung on ra	ge 10 & 17 or the manual.

3 Credits Offered Summer, As Der Provides assessment and			
Provides assessment and	maner walk most		1000
	instructional strategies in m	nather memanes for leaguers of students with an advinges. Focuses of	<u> </u>
standa lan Isabas hada ada	VII, VAPIUL 1860 (30)	don, confedent one of accessments and preparation of student	L
testing. Field experience	required. (3+0)	1 1 23-621	1
- m axe.		⊗	
OMPLETE CATALOG I	DESCRIPTION AS IT WANT	LADDE IN MITH THESE CHANGES OF L. P	200
		offinere carabg'iogular hycrorathg yeitl:, mantber, inter credits a	· sa
		LABUS. For stacked courses thas us thus created illustrate	
		on tor students ät dutterent levels	
	Anthematics to Special Lea		1
3 Credits	7 N. B		
Offered Summer, As Der			16536
Provides assessment and	instructional sustregress in a	nationalles for ready (see 8 of students with eastforfines, Poeu 1997-201	100
standards-balliageaunist	truction, explicit instruction	culturallum hased assessma pres _a and presaration of saltitions for	ns:w w
tarting: Finbluoyniswa:	** 7 1 (2) 2 1	(1, N=1, 1= 1, 1)	
	ENTLY CROSS LISTEDS.		
YES/NO No	If Yes, DEPT	NUMBER	480
(Regures write tro	nntiáiroti or eách degan	mencano neah involvelo. Anakh al copy or whilen nomica	inni
WHAT IMPACT, IF AL	NY, WILLIAMS HAVE ON	NOUTURE, LEAGUITUES SEPACE, LEAGUELLY LE C.	
None		W WWW	
None LIBRARY COLLECTION	/S		
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/me	IS Utie, wyzw. icollecticia deve	elpamentatucër' (kluensë ni 'm'alaska edii 'A (4.5545)' war j	Cgara w un
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/me	IS Utie, wyzw. icollecticia deve	elpamentatucër' (kluensë ni 'm'alaska edii 'A (4.5545)' war j	
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/me	IS Utie, wyzw. icollecticia deve	elpamentatucër' (kluensë ni 'm'alaska edii 'A (4.5545)' war j	egara to un
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/me	IS Ufie up reviculection develor dia collections, equipment If not, explain why not. X 10/10/08. Lil	elpomentotucër tkuen semi mjalaska edī LA (A-5695) μου μα at. and services available τότ της ρτοροςεα copurse cut so gives μα ιι του μικο με γε μα μαμι μου μαμι και μα μα μαμι μαμι και μα brary has over 300 books and numerous journals in the special	
None LIBRARY COLLECTION Ha. De you doetached adequacy of library/med contact and resolution. No Yes	IS Unie unparviculiectrolo deve dia collections, equipment If not, explain why not. X 10/10/08. Lil education net	elpamentatucër' (kluensë ni 'm'alaska edii 'A (4.5545)' war j	
None LIBRARY COLLECTION Ha. Person contacted adequacy of library/met contact and resolution. No Yes MPACIEND NERS 874	IS Unie unparviculiectron develor dia collections, equipment If not, explain why not. X 10/10/08. Lil education net	elpnment nucër tkuensë në vjalaska edit. A.(4.5695) visto qives dan t. and services available for the proposed course this of qives dan brary has over 300 books and numerous journals in the special ticm deldes? was sturn area roll nel vous about storm.	
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/med contact and resolution. No Yes MPACIES INCER BOWN What at agragation of the progration of the program of the progration of the progratio	IS Ufie.unpatv.iculiectroin develor dia collections, equipment If not, explain why not. X 10/10/08. Lil education net	elpnment nucer truense a vallable for the proposed course the solution of the proposed course the solution will be solved to the proposed course the solution will be solved to the proposed course the solution will be solved to the solution will be solved to the solution of the solution	
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/med contact and resolution. No Yes MPACIES INCER BOWN Include information of the contact and resolution.	IS Ufie.unpatv.iculiectroin develor dia collections, equipment If not, explain why not. X 10/10/08. Lil education net	elpnment nucër tkuensë në vjalaska edit. A.(4.5695) visto qives dan t. and services available for the proposed course this of qives dan brary has over 300 books and numerous journals in the special ticm deldes? was sturn area roll nel vous about storm.	
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/med contact and resolution. No Yes MPACIES INCER BOWN What at agragation of the progration of the program of the progration of the progratio	IS Ufie.unpatv.iculiectroin develor dia collections, equipment If not, explain why not. X 10/10/08. Lil education net	elpnment nucer truense a vallable for the proposed course the solution of the proposed course the solution will be solved to the proposed course the solution will be solved to the proposed course the solution will be solved to the solution will be solved to the solution of the solution	
None LIBRARY COLLECTION Ha. De you contacted adequacy of library/met contact and resolution. No Yes MPACTENS IN CORR BOYL What at spragrams of proclude information contact and conta	IS Unie un parviculiectron deverante dia collections, equipment of not, explain why not. X 10/10/08. Lil education net of the content of th	elpnment nucer truense a vallable for the proposed course the solution of the proposed course the solution will be solved to the proposed course the solution will be solved to the proposed course the solution will be solved to the solution will be solved to the solution of the solution	
None LIBRARY COLLECTION Ha. De you contacted adequacy of library/met contact and resolution. No Yes IMPACTED INCOME BOTH What at a grageration processing include information of the library with the library of the	IS Utie.unparv.iculiectroin develor de collections, equipment of not, explain why not. X 10/10/08. Lil education net operatuments.iviu net attende rograms/persatuments.iviu net attende rograms/persatuments/p	Telpoment officer truense of wataska edit. A (A-5695) was at and services available for the proposed course of the services available for the proposed course of the services available for the proposed course of the services and numerous journals in the special fire fieldest was sturn attended to the fire field volume acords none.	
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/med contact and resolution. No Yes MPACIES INCER BOME What at agraration processing include information of the processing positive. Please specify positive.	IS Utie.unparv.iculiectroin develor de collections, equipment of not, explain why not. X 10/10/08. Lil education net operatuments.iviu net attende rograms/persatuments.iviu net attende rograms/persatuments/p	elpnment nucer truense a vallable for the proposed course the solution of the proposed course the solution will be solved to the proposed course the solution will be solved to the proposed course the solution will be solved to the solution will be solved to the solution of the solution	
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/med contact and resolution. No Yes MPACIES INCER BOARD NONE Include information of library none POSITIVE AND NEGAL Please specify positive paragraphs of action.	IS Utile.unparv.icollectroin develor If not, explain why not. IN 10/10/08. Lil Education net A 10/10/08. Lil Education net Denartments.iviju net atter TUVF. IMPARTIS e and neg intro-uppacts of	elpamentatice tulense available for the proposed courses it so gives and services available for the proposed courses it so gives and services available for the proposed courses it so gives and services available for the proposed courses it so gives are selected for the special fire fieldes was sturn and new notice are selected with the proposed action are selected with the proposed action are selected with the proposed action are selected action.	
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/met contact and resolution. No Yes MPACINAL PLANTAGE BOX None POSITIVE AND NEGAT Please specify positive parabosed action. This will have a positive positive positive positive positive positive positive parabosed action.	IS Utilie, unparvice liectroic develor dia collections, equipment of not, explain why not. IN 10/10/08. Lill education net of the contact o	elpoment officer truenses wallable for the proposed course of some wallable for the proposed for the proposed for the special fire fieldest was shown and new roll rely rough about the special fire fieldest was shown and the proposed for the proposed	
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/met contact and resolution. No Yes MPACINAL PLANTAGE BOX None POSITIVE AND NEGAT Please specify positive parabosed action. This will have a positive positive positive positive positive positive positive parabosed action.	IS Utilie, unparvice liectroic develor dia collections, equipment of not, explain why not. IN 10/10/08. Lill education net of the contact o	elpamentatice tulense available for the proposed courses it so gives and services available for the proposed courses it so gives and services available for the proposed courses it so gives and services available for the proposed courses it so gives are selected for the special fire fieldes was sturn and new notice are selected with the proposed action are selected with the proposed action are selected with the proposed action are selected action.	
None LIBRARY COLLECTION Ha. Je you contacted adequacy of library/met contact and resolution. No Yes MPACIES DATA BY TO METAL IN TO STUDY. AND NEGATIVE Please specify positive parameters and seed action. This will have a positive education pracement.	IS Utile, unpare, icollection development of not, explain why not. IN 10/10/08. Lill education net of account of account net	elpoment officer truenses wallable for the proposed course of some wallable for the proposed for the proposed for the special fire fieldest was shown and new roll rely rough about the special fire fieldest was shown and the proposed for the proposed	
None LIBRARY COLLECTION Ha. Je Journantacie da adequacy of library/med contact and resolution. No Yes MPACIEND NEW BEAU What at agrapation of line information of library None POSIUSE AND NEGAT Please specify positive per paradose da action. This will have a positive purchase action pracement	IS Utile, unpare, iculiection develor dia collections, equipment of not, explain why not. X	elpamen Catucer the proposed courses it so gives to and services available for the proposed courses it so gives to me the proposed courses it so gives to any has over 300 books and numerous journals in the special firm fieldes? was sturn the treb with refunding about about the color of the course of the proposed actions ents containing the man, memore the courses programs and the partments testiling from the cial Education program by providing more since the class.	y &
None LIBRARY COLLECTION Ha. Je Journal actrica adequacy of library/med contact and resolution. No Yes MPACIE 3) N. C. B. B. C. What at syngratic place information of the syngratic place in the syngratic properties of the syngratic properties of the syngratic properties of the syngratic properties of the syngratic place in the syngratic properties of the syngratic place in the syngrat	IS Utile unparticuliection development of not, explain why not. If not, explain why not. I 10/10/08. Lill education net education net attendents: Will the attendents in the rootamy processor itive impacts on the Species for students. Students CTON NEQUESTRO	elpamen Catuces available for the proposed courses it so gives the and services available for the proposed courses it so gives the brary has over 300 books and numerous journals in the special fire fieldes? was sturn are not red with a foot a carbon early by sproved a cased action early by sproved action are special file and the file of the file of the cased action in the special file cased action in the special file cased action in the file of the file of the file of the cased action in the cased act	P SECTO
None LIBRARY COLLECTION Ha. Je Journal actrica adequacy of library/med contact and resolution. No Yes MPACIE 3) N. C. B. B. C. What at syngratic place information of the syngratic place in the syngratic properties of the syngratic properties of the syngratic properties of the syngratic properties of the syngratic place in the syngratic properties of the syngratic place in the syngrat	IS Utile unparticuliection development of not, explain why not. If not, explain why not. I 10/10/08. Lill education net education net attendents: Will the attendents in the rootamy processor itive impacts on the Species for students. Students CTON NEQUESTRO	elpamen Catuces available for the proposed courses it so gives the and services available for the proposed courses it so gives the brary has over 300 books and numerous journals in the special fire fieldes? was sturn are not red with a foot a carbon early by sproved a cased action early by sproved action are special file and the file of the file of the cased action in the special file cased action in the special file cased action in the file of the file of the file of the cased action in the cased act	P SECTO
None LIBRARY COLLECTION Ha. Je Journantache're adequacy of library/met contact and resolution. No Yes MPACIE 3) N. COR B. The What at a grastation of line and resolution. None POSIUSE AND NEGAT Please specify positive per particular action. This will have a posite education pracement. IIFICATION TEXT ACT ACT ACT ACT ACT ACT ACT ACT ACT AC	IS Utile unparticuliection development of not, explain why not. IN 10/10/08. Lile concation net of automotive imperiors will be successful to a successful or and negotive impacts of the successful of the successful of the successful or and or approximation. The successful of the successful of the successful of the successful of the amount of material control of the amount of material control of the successful of the amount of material control of the successful of the amount of material control of the successful of the amount of material control of the successful of the amount of material control of the successful o	elpamen Catucer the proposed courses it so gives the and services available for the proposed courses it so gives the brary has over 300 books and numerous journals in the special fire fieldes? was short the britting to the proposed course the greatens contains and read the proposed courses programs and the partments testifing from the cial Education program by providing more since it is and the ciass will be aware of the help work common to the ciass.	new Course
None LIBRARY COLLECTION Ha. Je Journal actein adequacy of library/met contact and resolution. No Yes MPACIE 3) N. C. B. B. J. Whut at gragrants of include information of the information of the property	IS Utilie, un pare it collections, equipment of not, explain why not. I 0/10/08. Lill education net education net education net are in the roorans/personal interest of students. Students I W.F. IMPANIEL. I and neglibre imposition in the Snect in students. Students I W.F. IMPANIEL. I tive jumpect on the Snect in the interest of students. Students I W.F. IMPANIEL. I tive jumpect on the Snect in the students of material continues where it is section needs at the amount of material continues. If course is changing the interest in the section needs at the amount of material continues. If course is changing the interest in the section needs at the amount of material continues.	elpamen Catuces available for the proposed courses it so gives that and services available for the proposed courses it so gives that brary has over 300 books and numerous journals in the sepcial sixth fieldes? was sturn in the treb with refer proposed actions are not contained as it. and the courses programs and the partments testiling from the cial Education program by providing more and the class will be aware or the help work common to the class. The cial Education program by providing more and the class are unit of the class. The cial Education program by providing more and the class are unit of the class. The cial Education program by providing more and the class. The cial Education program by providing more and the class. The cial Education program by providing more and the class. The cial Education program by providing more and the class. The cial Education program by providing more and the class. The cial Education program by providing more and the class. The cial Education program by providing more and the class are considered as a second of the class.	new Course
None LIBRARY COLLECTION Ha. Je Journal actrical adequacy of library/med contact and resolution. No Yes MPACIE 3) N. 1988 B. 1988 What at gragrafick process of the lease specify positive per process of the lease of the lease specify action. This will have a positive per process of the lease specify action. THICATION TO N. 1988 THICATION TO N.	IS Utile unpart iculiection development of not, explain why not. IN 10/10/08. Lil education net A 10/10/08. Lil education	elpamentatices is in minimum with minimum with and services available for the proposed courses it so gives the proposed courses in the special size fieldes? was sturn acret with refunding a characteristic and the course of the course of the course of the course of the proposed characteristic and the course of the course	new Course
None LIBRARY COLLECTION Ha. Je Journal activity adequacy of library/met contact and resolution. No Yes MPACIES IN PRESENT What at grastrative include information of the properties of action. This will have a positive particular include information of the properties of action. This will have a positive particular include information of the properties of action. This will have a positive particular includes in your response of the deep particular is covered elsew equired on part of studer and explain what has been decided as plain what has been decided and explain what has been decided as plain what has been	IS Utile unpart iculiection development of not, explain why not. IN 10/10/08. Lil education net A 10/10/08. Lil education	expanses Cattrees available for the proposed course Cat's a gives and brary has over 300 books and numerous journals in the special fire diedes was sturn and red not new rounces are assisted as a result of the proposed course Cat's a gives and fire diedes was sturn and numerous journals in the special fire diedes was sturn and numerous journals in the special fire diedes was sturn and numerous journals in the special fire diedes was sturn and numerous journals in the special fire diedes was sturn and numerous journals in the special fire diedes contains and numerous and	new Course

<u> </u>	— V ar viiu iii anii A viii a nii	W MI WIMIIIIW IIMIW	uwiniwii a nw a oon a hilwahilwa	
		8 8 8		
PROVALS			x : . =	
Lila vonoi		Date	12-67-10	
ignatureChairProgram/Department	tof			
SSSIIII NOI II M WOOMIDOOTIIII	**************************************		Sama Mani na mm iii	
ignature Chian, cloned Extra Carci	Columnia = 1 for	Date	9.07. 2	010
ignature, Chair, Conjege/3cnot/ #3C	Jun Caram Council of.			
5/1/ Callen		, Date	9/8/11/1	
ignature, Dean, College/School ot:		2=1 8m	# // /	
was mannana ann mannan na mas 11 🖚 🕬			9800 0800100 00 A	1100000000 00 000 111111
ignature of Drawast (if applicable)	***************************************	Date 1		
égratorecor i Provosci (i faporica dier) Hérines adovec decever l ec faporoveci	programs must he appro	า งงอนไท้≋∈ไ ≫งลกผ ู้	s *\∞ %= s as % ne pro	VOS
		× ×		
L SIGNATUESS MUEST BE OBTAIN	NED BAIOD TO SPIAMIZ	EIGNLIG IVI GOV	FRALANCE OFFICE	- T
			CE CEMIC VENI VIII VOE	
		ım, Date	8811 11111 <u>W M</u>	, I W m II
Signature, Chair, UAF Faculty Senate	ุณโพยง่อมไตแม่เมท่ พื่นป	mmittee		Company
### ###				
DITIONAL SIGNIALURES: , IA S HEE	ueu ior cross-usume and	OF STACKING)		
	8			
	1		IIS UMIIIOOOOIIII WIIIW ×	III IIMMAMII III IIMM
S= Data I	_f I			
nater mar Crayma & Character of the main main.	L			
		Data		
ngrii muchinggen Naimhnaggen Noumingrii *	culium/Quantilitáti 🔻	Date	===	
	culium/จับเกระไม่กำรัก. 🖠			

ATTACH COMPLETE SYLLABUS (as part of this application).
Note: The guidelines sate on the การการ์สามารถในเลือก เกิดเลือก เกิดเลื
The department and company in the committees will evident the symbols to consule that each of the relief instead below at a consultation and the committees will evidence the consultation of the relief instead below at a consultation of the consu
SYLLABUS CHECKLIST FOR ALL UAF COLUMNS. During the first week of classif, instructors Will distribute a course syllabus. Although mode throughout the semester, this document in the manual of the semester, this document in the semester of the disciplination.
1. Course information: Title, Trumbre, Treetins, Truceteministies, Trucation, Trumbre, time (make sure that contact hours are in line with creditors)
2. Instructor (ann'i appricathe; l'eaching Assistant) information: Name, office decation vitte knuss; vital prikone; leman decidess:
3. Course readings/materials: □ Course textbook title, □ author, □ editing/publithsmer. □ Supplementary readings யி. ஜீய் at உழ்கள்கள் கூயான் குரியிகளையான் குரியகள்கள் படிய
4. Course description puon.
Content of the course and how it fits into the breaker curugulary
Expected proficiencies required to undertake the course, if applicables and the second
☐ Inclusion of catalog description is strongly recome, redepther cand. ☐ Description in syllabus must be consistent with catalog course description.
5. Course Goals (general), and (see #6)
6. Studente leasurge du tecomes (more) frecuto)
7. Instructional methods:
Describe the tension of the conference of the c
8. Course calendar:
☐ A advokterufie!at class tonics and assignments if wist be untilized a Rivergetimes that it is both that the instructor has thought this distributed with the making it the making it is not adequate to say "lab". Instead, give each lab a title that describes its content). You may call the outline Tentative or Work in Progress to allow for modifications during the semester:
9. Course policies:
Specify course rules, including you uppalinctes or cannot demonstrate, tarbunges chass participation, make-up exams, and plogistics academic into \$2.7.
10. Evaluation:
Specify how students will he evaluated. Light factors will be recludeded, their relationary value, and
how they will be tabulated into grades (on a gurus, absolute seems, att.)
11. States porces les egunsmun
ு Described the குண்ணமும் கர்க்கார் கடிக்கார் கடிக்கார். இது மாக்கிக்கார்கள் குண்டுக்கு குண்டுக்கு கொண்டுக்க கொண்டுக்கு கோண்டுக்கு கள்கள்கள்கள்கள் கொண்டுக்கு கொண்டுக்கு கள்கள் காண்டுக்கு கள்கள்கள
CC=CCSCCSCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
12. Disabilities Services:
The Office of Disability Services implements เป็นเกี่ย. Americans เม่นโด้ เปรล่อนแบ่ยร. Act のはいいます。 a การประชาเพลง that UAF stude at เรากลงยายุแล้น access เกาไทย เลคทุกแรกที่นาดแบรยากลงย่านล่วง

☐ State that you will work with the Officered Directivities and D

UAF School of Education:

"Preparing professional educators who are culturally responsive, effective practitioners" EDSE 625: Teaching Mathematics to Special Learners

Fall 2009

Credits: 3.0 Instructor: Joanne Healy, M.S. Day & Time: Tuesday 5:20-8:20 Office: Gruening Building 714A

Location: Room 150 Old UPark and/or Audio Conferences, Blackboard **Phone:** (907) 474-1557 **E-mail:** jhealy7@alaska.edu **Office Hours:** Mondays 2:30-4:30 & by appointment

Prerequisites: none

Required Readings

Texts:

Hudson, P. P., & Miller, S. P. (2006). <u>Designing and implementing Mathematics Instruction for Students with</u> Diverse learning Needs. Needham Heights, JN: Allyn & Bacon.

Bender, W. N. (2005) <u>Differentiating math instruction: Strategies that work for K-8 Classrooms!</u> Thousand Oaks, CA: Corwin Press.

Silva, J. A. (2003). Teaching inclusive mathematic to special learner, K-6. Thousand Oaks, CA: Corwin Press.

Additional website and supplemental text/journal recommended readings will be assigned by the instructor dependent on weekly discussions.

WEBSITES RELATED TO SPECIAL EDUCATION

State of Alaska

Where to Turn: Governor's Council on Disabilities and Special Education

Alaska State Department of Education

Alaska Special Education Website

Special Education Handbook

Websites Related to Special Education

Council for Exceptional Children

National Clearinghouse for Professions in Special Education

National Information Centercil fho40 1 Tf0Tf0 T2dp078\subseteq j1ap078\subseteq j1ap078\subseteq j1ap078\subseteq j1ap078040 TJET72 360.

Council for Exceptional Children (CEC)

American Psychological Association (APA)

Learning Disabilities Association of America (LDAA)

American Association on Intellectual and Developmental Disabilities (AAIDD)

The Association for the Severely Handicapped (TASH)

International Reading Association (IRA)

Disability Law Center - Alaska

Special Education Service Agency (SESA)

National Down Syndrome Society

American Speech-Language-Hearing Association (ASHA)

Course Materials: A computer with Internet access is required. A UAF email address and access to Blackboard is also required.

I. COURSE DESCRIPTION

Students must be proficient in math calculations and reasoning. Provides assessment and instructional strategies in mathematics for teachers of students with disabilities. Focuses on standards-based instruction, explicit instruction, curriculum-based assessments, and preparation of students for high-stakes testing. A 15-hour field experience is required.

Alignment With School of Education Mission

The School of Education prepares educators to work in urban and rural Alaska and to work with K-12 students from many backgrounds, with a particular focus on Alaska Native languages and cultures. We are particularly committed to enhancing the educational opportunities for Alaska's rural and Native populations. Through the UAF rural campuses, we are responsive to local and regional needs within the state.

Through our programs and professional development courses, we promote the following goals:

Increase the number of qualified educators for Alaska's schools

Enhance the professional skills of Alaska's K-12 educators

Develop and support ongoing systemic educational collaborations with Alaska schools and communities Conduct collaborative research on cross-cultural and multicultural education

This course supports the UAF School of Education's mission by providing students with the understandings and skills necessary to successfully address the diverse individual and cultural needs of Alaska's students, schools, and communities. Emphasis is placed upon understanding students with exceptional needs.

II. COURSE GOALS & STUDENT LEARNING OUTCOMES

1. Standards

Goal: Present strategies for designing a mathematical Extende.

Devsis nessaiwe pple

- 2.3 Demonstrate effective use of CBA methods to plan instructions.
- 2.4 Prepare appropriate IEP goals and objectives.
- 2.5 Prepare assessment-based lesson plans.
- 3. Curriculum and Instructions

Goal: Discuss curricular and instructional strategies for teaching math to student with disabilities Outcomes:

- 3.1 Select appropriate research-bases instructional strategies.
- 3.2 Prescribe explicit teaching strategies in instructional lesson plans.
- 3.3 Organize a math program around a professionally recognized hierarchy of skills.
- 3.4 Demonstrate effective use of multiple approaches to introduce topics and solve problems.
- 3.5 Integrate life skills and other content areas (literature, science, social studies) with mathematics instruction.

submitted in standard written English, observing rules of grammar, spelling, punctuation and syntax. Research citations will be written APA style in all work, as this is the designated style and format for the field of educational research. Internet citations must include the title of the website, universal resource locator, date of posting, date of access and other information included on APA format.

Professional and Ethical Behavior

UAF School of Education students are expected to adhere to the Alaska Code of Ethics for the Education Profession. The standards, adopted by the Professional Teaching Practices Commission, govern all members of the teaching profession. A violation of the code of ethics and professional teaching standards are grounds for revocation or suspension of one's teaching license.

Student Code of Conduct and Expect Classroom Etiquette

All guidelines and provisions of the UAF Student Code of Conduct will apply; see page 83 of the 2008-2009 UAF catalog or go to http://www.uaf.edu/catalog/current/academics/regs3.html for further details.

Academic Support Services

Writing support services are available on the UAF Campus in the Writing Center, located in 801 Gruening, (907) 474-5314. For students using distance delivery you can send your papers to the Writing Center using their Toll Free FAX 1-800-478-5246. They will FAX information back, and also email you regarding any questions. You need to use this resource at least once during the semester to meet writing expectations and to see what is available for students who may have a disability. Academic Support Services including library hours, computer lab hours/services, and writing center hours/services can be located at the following web site: http://www.uaf.edu/sssp/

Disabilities Services

Name:	 	
School:	 	

Time Sheet / Log for Field Experience

Date	Time In / Time Out	Cooperating Teacher's Signature
		Oignature

3. Reflective Paper (50 Points)

As a reflective learner and practitioner, you are expected to give thought to class content, readings, experiences, etc. You will write a three to four page paper summarizing what you have learned from the field experience and class content, describes your reaction to the experience and explains what impact it has had on your commitment to make special education your future career. It will be double spaced with size 12-point font. It will have a cover page and be a final paper with no "redo" accepted.

Course Rubric

Papers

	UNSATISFACTORY	BASIC	PROFICIENT	DISTINGUISHED
CLARITY	The paper is incomprehensible even after repeated readings.	Most of the paper is comprehensible, but some passages require interpretation by the reader. Some passages have poor organization.	The paper is comprehensible, but there are a few passages that are difficult to understand. The organization is generally good.	The paper is easy to understand; it is concise and well organized.

GRAMMAR

The paper has many grammatical errors. The errors interfere with comprehension.

- 4. Administer Key Math test to student and hand score protocol. (100 Points)
- 5. Teach a math unit during field experience, which includes 5 lessons, and a pre and post teacher made assessment. (150 points)
- 6. Design a curriculum based assessment. (50 Points)
- 7. Write math 4 goals with 2 objectives for each goal for a student with a math calculation and math reasoning disability. (100 points)

Evaluation is based on a percentage of the total class points listed using the following grading system. Assignments:

Faculty Expectations (15 Points)
Field Experience Journal (75 Points)
Reflective Paper (50 Points)
Administer Key Math test (100 Points)
Math Unit (150 Points)
Curriculum Based Assessment (50 Points)

Math Goals and Objectives (100 Points)

Total Points 540 Points

GRADING SYSTEM: The grading system is on a 10-point scale.

A 90 - 100%

B 80 - 89%

C 70 - 79%

D60 - 69%

F 59%

VI. COURSE CALENDAR

Class	Topic	Assignment	What's Due Activity
1	Course overview, syllabus,	Hudson & Miller Chap. 1	
	introductions, Q&A	Sliva Chap. 1	
		Bender Chap. 1	
2	Key Math	Hudson & Miller Chap. 2	
		Sliva Chap. 2	
		Bender Chap. 2	
3	Goals for math calculation	Hudson & Miller Chap. 3	
		Sliva Chap. 3	
		Bender Chap. 3	

Manipulatives for math reasoning 4

Hudson & Miller Chap. 4 Sliva Chap. 4 Bender Chap. 4