

APPLIED NUMERACY PROPOSAL FORM

Department / Program: Contact Name:			Date:				
			Email Address:				
Propos	sed Applied Nu	meracy Coui	rse:				
Dept (L	.#) Course #	Title			Last Offered	Frequency	
Numera analyse	s, judgments of p	to use numberobability, and	ers and numerical and l evaluations of quanti elationships and those	fiable evidential supp	ort. AN courses	include those using	
phenon		, namencar	sacronsmps and those	that employ mathematic	recar modeling c	in incurar and social	
There c	ould be many pos	sible courses, i	including ones that dea	ll to a significant exten	it with:		
i.	(such as tables, g	raphs, formula and dispersion	evidence or to gain ne as) to represent data cl n in data), to test hypo nods.	early, to summarize fe	eatures of the da	ta (measures of	
ii.	to make predicti	Working with mathematical models, either discrete or continuous, to describe real world phenomena and to make predictions, and to recognize the limits and possible abuses of the methods. For specific examples, see the end of this form.					
COMP	LETE SYLLABU	JS AND A FE	TIONS BELOW. AT W SPECIFIC PROBL ROPRIATE FOR THIS	EMS OR ASSIGNM			
What po	ortion of the cour	se will be devo	ted specifically to teacl	hing elements of Appli	ed Numeracy?		

Which elements of numeracy are the students in this course expected to master?

1 of 2

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List the types of majors for which this might be an appropriate AN course?
What prerequisites, mathematical (algebra, trigonometry, calculus) or other, are required and/or recommended?
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Additional notes:
Use this area to describe any other information about the course that might be helpful to students and advisors.
Approximately how many students can you accommodate in this course per year?
Examples of courses that might be used to fulfill this requirement, ideally at the 100- or 200-level, include:
• A game theory course in economics or political science, perhaps a freshman seminar
• A course on personal finance in mathematics or economics
• A course in the history department on immigration history that employs a statistical methodology
• A seminar akin to <i>Godel, Escher, Bach</i> (Hofstadter)
• A biology course that deals with populations and extinctions in a quantitative fashion
• An anthropology course that examines statistical evidence in instances drawn from case studies in the field of public health
• A course on energy: how much we use; where it comes from; environmental costs; etc.
 An applied math course in networks and networkign from a statistical viewpoint
 The history of baseball by the numbers, a chapter of US social history
• "Numeracy 1": an across-the-board parallel to Writing 1 specifically designed to address this requirement and taught in small sections of 12-14 students
Department Chair or Program Director Signature Date
Please attach a syllabus that makes clear to the student what you expect them to know and be able to do by the end of the semester, as well as the ways in which
the student will demonstrate their acquired knowledge or skills. Include at a minimum: 1. a substantial course description.
 a schedule of topics, assigned readings, and graded assignments (homework, quizzes, presentations, papers, exams, etc. criteria for evaluting student work, including evaluation of class participation (if applicable)
4. how the final grade will be calculated Please also attach Core Attribute Forms (e.g. AN, SC, WI, etc.) if applicable
Please do not submit paper copies. Email the completed pdf, along with the syllabus to Lucy Allen, at lucy.allen@wustl.edu.