

2011 NORTHWEST TWO-YEAR COLLEGE

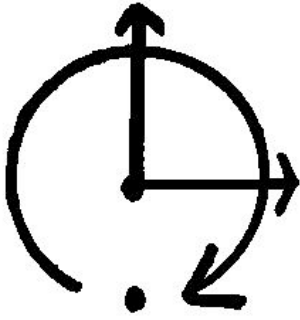
MATHEMATICS CONFERENCE



April 28 – 30, 2011

4TH QUINENNIAL
JOINT WASHINGTON-OREGON CONFERENCE

SKAMANIA LODGE
STEVENSON, WASHINGTON



PROGRAM HIGHLIGHTS

THURSDAY

EVENT

7:00 – 8:00 PM

OPENING SPEAKER:
LEW LEFTON

8:00 – 11:00 PM

SOCIAL HOSTED BY: PEARSON EDUCATION
CENGAGE LEARNING
(HOOD RIVER SUITE #421)

FRIDAY

EVENT

7:15 – 8:45 AM

BREAKFAST BUFFET

11:30 – 1:00 PM

LUNCH

5:45 – 7:00 PM

DINNER BUFFET

7:00 – 8:00 PM

KEYNOTE SPEAKER: JAMES STEWART

8:00 – 11:00 PM

SOCIAL HOSTED BY: MCGRAW HILL
WH FREEMAN
(HOOD RIVER SUITE #421)

Saturday

EVENT

7:15 – 8:45 PM

BREAKFAST BUFFET

CONFERENCE SCHEDULE

DATE	TIME	EVENT
THURSDAY, APRIL 28TH	5:30 – 7:00PM	REGISTRATION
	7:00 – 8:00 PM	OPENING SPEAKER: LEW LEFTON
	8:00 – 8:30 PM	REGISTRATION
	8:00 PM – 11:00 PM	HOSTED SOCIAL
FRIDAY, APRIL 29TH	7:15 AM – 8: 45 AM	BREAKFAST BUFFET
	8:00 AM – 11:30 AM	REGISTRATION
	8:30 AM – 11:45 AM	PUBLISHER’S EXHIBITS
	9:00 AM – 10:00 AM	SESSION I
	10:00 AM – 10:30 AM	REFRESHMENT BREAK
	10:30 AM – 11:30 AM	SESSION II
	11:30 AM – 1:00 PM	LUNCH
	1:00 PM – 4:30 PM	PUBLISHER’S EXHIBITS
	1:15 PM – 2:15 PM	SESSION III
	2:15 PM – 2:45 PM	BREAK
	2:45 PM – 3:45 PM	SESSION IV
	5:30 PM – 7:00 PM	DINNER BUFFET
	7:00 PM – 8:00 PM	KEYNOTE SPEAKER: JAMES STEWART
	8:00 PM – 11:00 PM	HOSTED SOCIAL
SATURDAY, APRIL 30TH	7:15 AM – 8:45 AM	BREAKFAST BUFFET
	8:00 AM – 8:45 AM	INDIVIDUAL ANNUAL BUSINESS MEETING: ORMATYC, WAMATYC
	8:45 AM – 11:45 AM	PUBLISHER’S EXHIBITS
	9:00 AM – 10:00 AM	SESSION V
	10:00 AM – 10:30 AM	REFRESHMENT BREAK
	10:30 AM – 11:30 AM	SESSION VI
	11:30 AM	CHECKOUT AND DEPARTURE

Session Schedule

Room / Session	Adams	Cascade A	Cascade B	Hood River Suite
I Friday 9:00 – 10:00	Reflection Friday Edgar Jasso	Using Elluminate to Teach Mathematics Face-to-Face and via Distance Education Ron Wallace	Mathematics Goes To Hollywood John Hornsby	Revamping the Precalculus Course James Stewart
II Friday 10:30 – 11:30	Visual Methods: Understanding Area and the Pythagorean Theorem Barry Bergman	Open Course Library Project David Lippman	Transform Antiquated Word Problems Into Lively Authentic Applications Jay Lehmann	Presentation will cover a basic introduction of a max algebra semi-ring Tim Melvin
III Friday 1:15 – 2:15	Making Math Green and Engaging! Mark Clark	Math and Cosmic Consciousness Farshad Barman	Using Geogebra Everyday John Spence	Calculus 1 Nirvana, Enlightenment William Weber
IV Friday 2:45 – 3:45	Beautiful Practical Problems Doug Gardner	The Value of Absolute Value Ed Miller	GeoGebra Primer, from linear equations to Taylor series Jeff Pettit	Calculus 2 Nirvana (escape from the early bonds through enlightenment....) William Weber
V Saturday 9:00 – 10:00	"Not Your Mother's Flashcards" Jennifer Ward	Islam and Mathematics: A Story of Cooperation and Peace Pat McKeague	MAPLE Essentials for College Teachers John Mitchell	Session Cancelled 4/13/11
VI Saturday 10:30 – 11:30	Polya, Problem-Solving, and Developmental Mathematics Laura Bracken	Calc Potpourri Lyle Cochran	SAGE: a free open-source mathematics software system. Edgar Jasso	Online Homework Systems: WebAssign Roland Cheyney Commercial

Room	Jefferson	Rainier	St. Helens	Summit 2
Session				
I Friday 9:00 – 10:00	Math is NOT a Four Letter word Paula Girourard	Change 101 Helen Burn	The use and results of using technology in a lec/lab combination for developmental math Alina Coronel Commercial	A Tale of Two Colleges: Some ways CC faculty can support STEM students that reach beyond the classroom Mark Yannotta
II Friday 10:30 – 11:30	Revisualizing the Integral Lee Singleton	"Focus on the Distribution, not the Syntax" Nathan Austin	"The mathematics of energy use in the USA and the world. Where are we headed?" Jim Ballard	Preparing your Students for Calculus Lee Gibson, University of Louisville Commercial
III Friday 1:15 – 2:15	Developmental Math Course Redesign Discussion Deann Leoni	The Statway Project David Straayer	Enhanced WebAssign Training: New content, new tools. Eric Ziegler Commercial	The Calculus Concept Inventory: What are your students really learning? Scott Peterson
IV Friday 2:45 – 3:45	One week Primer Classes for Developmental Education Students Bill Jennings	Nspiring Times Darryl Merchand Commercial	"Motivate Your Students with Mastery Learning" Anthony Belen Commercial	Janus and Epimetheus: the orbital dance around Saturn. Alexander Malinsky
V Saturday 9:00 – 10:00	Integrating Self-Regulated Learning into Math Courses Lawrence Morales	Basic Mathematics - Incorporating Study Skills in a Basic Mathematics Course Kathy Chelminiak	An Introduction to the ClassPad Diane Whitfield Commercial	Sterotype Threats' Influence on Elementary Pre-service Teachers' Attitue Toward Mathematics Katherine Valenzuela
VI Saturday 10:30 – 11:30	Faculty inquiry Rachel Kingsley	Data-Based Decision Making for the Lazy Educator Christopher Quarles	How to Engage Students in Math John Pyktel Commercial	Linking Study Skills with Algebra 1 Lawrence Morales

Room	SUMMIT 3	SUMMIT 9	WASHINGTON	
Session				
I Friday 9:00 – 10:00	What should MTH 243 and MTH 244 BE? (working title) Sean Rule	The Kepler Problem in Orbital Mechanics: Position and Speed as Functions of Time Jeffrey Hayen	Create Your Own Animations for College Algebra and Beyond Nolan Mitchell	
II Friday 10:30 – 11:30	A Tale of Two Redesigns John Squires	Redesigning Developmental Math using the College Readiness Standards Pete Wildman	The Bells and Whistles of Trigonometry. Ross Folberg	
III Friday 1:15 – 2:15	What's in a Name?: What Does/Should 'Intermediate Algebra' Mean? William Moore	Raising the Bar in Developmental Math - Asking Different Questions to get Different Results Carren Walker	"On Reliability" Charles Wikman	
IV Friday 2:45 – 3:45	A New Generation Interactive eBook for Calculus Eric Schulz	Embedding Students Success Skills in Precollege Mathematics Helen Burn	Redesigning Math 60 Charlie Naffziger	
V Saturday 9:00 – 10:00	Tracing Kepler's Path Using Mathematica Dusty Wilson	Riordan Arrays Jennifer Harras	Fraction and Decimal Games Burton & Beaver	
VI Saturday 10:30 – 11:30	Consulting the Divine: The (Ethno)mathematics of Divination John Kellemeier	Fitting curves to data from biology, chemistry, and elsewhere Yves Nievergelt	Simplify: Not as easy as it sounds Michael Price	

ROOM	THEATRE	ROUNDS OF 8
ADAMS		80
CASCADE LOCKS A		96
CASCADE LOCKS B		96
HOOD RIVER SUITE	20	
JEFFERSON		64
RAINIER		40
ST. HELENS		24
SUMMIT 2	25	
SUMMIT 3	20	
SUMMIT 9	20	
WASHINGTON		40