



EDU 524 Advanced Math Methods

Fall 2018

September 22 - December 14
@RSU 40 and Online

with face-to-face class meetings on
Saturdays, September 22, October
20, and November 17 from 9:00AM -
3:30PM

This course is for elementary teachers who wish to increase both their math content knowledge and the methods they use to teach math. Participants will increase their content knowledge in the math they teach; increase their understanding of how children learn math; increase their understanding of themselves as a mathematicians; increase their confidence as math teachers; increase their familiarity with the variety of math resources and materials available; increase their knowledge of the national math standards as well as the current research on math education; increase their ability to create a constructivist mathematics curriculum.

Office of Graduate Studies



www2.umf.maine.edu/gradstudies
gradstudies@maine.edu
(207) 778-7502

ABOUT THE INSTRUCTOR

Cathy Jacobs is a retired middle school principal who taught math for 10 years before becoming an administrator. While teaching math, she also was a consultant/trainer for the Maine Math and Science Association, where she trained teachers across the state in the implementation of the Connected Mathematics program. As an assistant principal, she collected and analyzed school wide mathematical data to help teachers develop action plans. As a principal, Cathy supervised the math coach in her district and worked closely with her to plan and present professional development sessions in mathematics across the district.

To register, please complete this form and return to:
Office of Graduate Studies Email gradstudies@maine.edu Or Fax 207-778-8134

A. PAYMENT INFORMATION: Payment is due by the first day of class. Payment options are:

- 1) A Purchase Order from your District/Organization in order to bill your employer
- 2) A check made out to UMF
- 3) Online payment through your MaineStreet Student Center.

B. REGISTRATION INFORMATION:

1. Print Name 2. Gender Male Female
Last First Middle Initial
3. Are you an active student who has been accepted into UMF's Master of Science in Education program? No Yes
4. Student ID (if known) 5. Have you ever applied to, or registered for a class through, the University of Maine System (UMA, UMF, UMFK, UMM, UMO, UMPI or USM)? No Yes
6. Date of Birth
7. Indicate name(s) under which you may have previously registered
8. You must have a bachelor's degree to register for this graduate level course. From what institution did you receive your degree?

C. YOUR PERSONAL CONTACT INFORMATION:

1. Home Mailing Address
Address Town/City State Zip Code
2. Home Phone 3. Work Phone
4. E-mail Address

D. COURSE REGISTRATION & COSTS: In-State Graduate tuition (per 3-credit course) = \$1,167* + Fees¹

(Tuition rates are subject to change for the Academic Year 2018-2019)

CRN # (ex: 31464)	COURSE SUBJECT & TITLE (ex: SED 518 Special Education Law)	COSTS
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<input type="text"/>	<input type="text"/>	<input type="text"/>

¹ 1. Unified Fee (\$86 up to 6.5 credits; \$171 for 7-11.5 credits; \$336 for 12+ credits)

2. Outreach Fee (\$50 per semester (not applicable to UMF M.S. Ed. students))

TOTAL: Tuition + Fees =

SIGNATURE DATE:

**The University reserves the right, up to the date of final registration for the academic term, to make adjustments as may be deemed necessary by the Board of Trustees. Students will be billed additional charges if tuition and/or fees change after they have enrolled.*