

MATH EM@TICS

“All the ν 's fit to print”

Department of Mathematics | Ithaca College

November 10, 2020 | Vol. 2 Iss. 3

ν_0 : From the Desk of the Chair

With November upon us, it is a good time to take stock of what we are thankful for. One thing I am sure we are all thankful for is our very first break of the semester in two weeks. It has been a long and draining term, but I am glad to see that you are hanging in. I am hopeful that we will see on campus in February!

November is also a time to look ahead. First, I hope you find interesting courses to take next semester. Registration begins on November 10 and continues

through November 19. Be sure to talk with your advisor if you haven't already. Second, now is the time to think about opportunities for next summer. Research Experiences for Undergraduates are great opportunities to be paid for research at institutions all over the world. Feel free to talk with me or any of the math faculty about opportunities.

Take care, stay well, and Happy Thanksgiving!

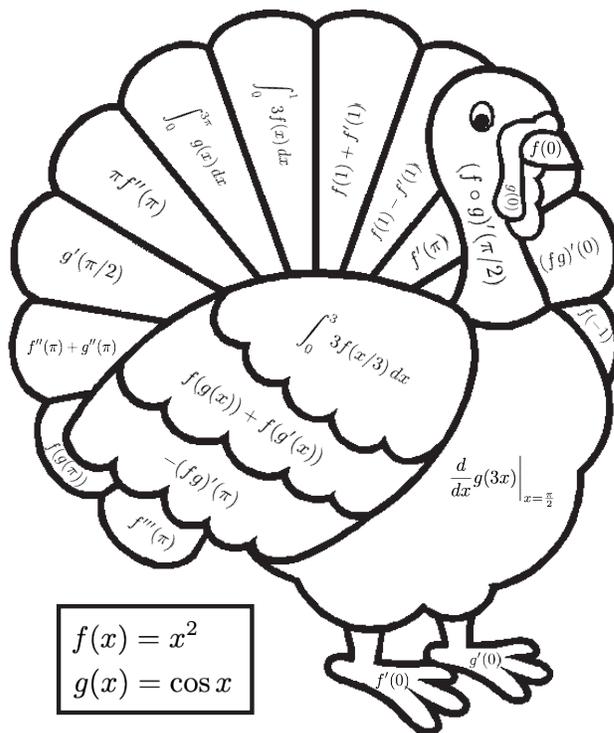
—Prof. Dave Brown

ν_1 : Colloquium

Title: Summer Research and Jobs Panel
Speakers: Gabe Pesco, Rachel King, and Jake Brown
Time: Monday, November 16 at 4pm EDT
Location: Zoom

Abstract: Come hear about some of the experiences our students had doing math this past summer! Gabe, Rachel, and Jake will share what they did, where they did it, and how they applied for it. Ask questions and start thinking about what you might do next summer.

ν_2 : Calculus Turkey



$$f(x) = x^2$$

$$g(x) = \cos x$$



ν_3 : Spring Courses

Registration for Spring 2021 courses is here! Below is a list of courses the Mathematics Department is offering this spring that you may be interested in. We hope to see you on our roster!

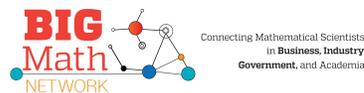
Further descriptions of these courses and information about class times, as well as a schedule for what upper level courses will be offered in the next two and a half years, are available [here](#).

111	Calculus I	212	Calculus IV	270	Discrete Math
112	Calculus II	214	Differential Equations	290	Interactive Graphics
153	Math as a Cultural Institution	220	Math for Childhood Education	305	Introduction to Analysis
159	Introduction to R	221	ArcGIS	316	Probability
185	Math Experimentation	231	Linear Algebra	398	Research Experience
191	World of Math	240	Stats with R	480	Connections in Advanced
211	Calculus III	246	Intermediate Stats		Math - Fractal Geometry

ν_4 : Summer Opportunities

This is a good time of year to start thinking about what you might be doing next summer! There are opportunities for summer research, both at Ithaca College and at other institutions, as well as summer internships. Here are some websites with lists of opportunities to check out:

- [REUs – NSF site](#)
(Our department is hosting one of these REUs!)
- [Internships – SIAM site](#)



The
Best part
Of combinatorics
Is that there are so many things you can count using the same sequence of numbers.

**The number of syllables in each line corresponds to the first four [central binomial coefficients](#) 1, 2, 6, 20.

—Jamie Woodworth '22