

Math 305 Syllabus

Math 305 - Discrete Mathematics, Spring 2021 Syllabus

Instructor: Kevin Schoenecker

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Office Hours: Online, see Canvas for times or email for appointment

Class Meetings: Online. Please check Canvas and your UWSP email regularly.

UWSP Course Catalog Description: Algorithm analysis: recursion, complexity; combinatorics: recurrence relations, dynamic systems, counting techniques; graph theory: Eulerian and Hamiltonian graphs, algorithms and heuristics, planar graphs, trees, applications.

Prerequisites: Math 300 (or concurrent registration)

General Education Designation(s): AAS: CCT

Text Rental: Johnsonbaugh, Richard. Discrete Mathematics, 8th edition. Pearson. ISBN: 780321964687.

Other Textbooks: Other textbooks will have links on Canvas.

Technology: There may be some use of computer software, like Mathematica, python, Excel, or some other program that will be used to help with calculations, simulations, etc.

Calculator: Could be handy a few times but not required.

Help: Ask questions as they arise. Use video chat (Zoom for example), email, and Canvas to communicate. Contact me anytime via email if you are having any problems or questions.

Policies: UW-Stevens Point values a safe, honest, respectful, and inviting learning environment. In order to ensure that each student has the opportunity to succeed, a set of expectations for all students and instructors have been developed. This set of expectations is known as the Rights and Responsibilities document, and it is intended to help establish a positive living and learning environment at UWSP. Check here for more information <https://www.uwsp.edu/dos/Pages/Student-Conduct.aspx> (<https://www.uwsp.edu/dos/Pages/Student-Conduct.aspx>).

Academic Integrity: Academic integrity is central to the mission of higher education in general and UWSP in particular. Academic dishonesty (cheating, plagiarism, etc.) is taken very seriously.

For more information, see the UWSP “Student Academic Standards and Disciplinary Procedures” section of the Rights and Responsibilities document, Chapter 14, which can be accessed here:

<https://www.uwsp.edu/dos/Pages/Student-Conduct.aspx> [_ \(https://www.uwsp.edu/dos/Pages/Student-Conduct.aspx\)](https://www.uwsp.edu/dos/Pages/Student-Conduct.aspx)

Accommodations: The Americans with Disabilities Act (ADA) is a federal law requiring educational institutions to provide reasonable accommodations for students with disabilities. If you have a disability and require classroom and/or exam accommodations, please register with the Disability and Assistive Technology Center and then contact me at the beginning of the course. I am happy to help in any way that I can. For more information, please visit the Disability and Assistive Technology Center, located on the 6th floor of the Albertson Hall (the Library). You can also find more information here: <https://www.uwsp.edu/datc/Pages/default.aspx>.
[\(https://www.uwsp.edu/datc/Pages/default.aspx\)](https://www.uwsp.edu/datc/Pages/default.aspx)

Grades:

Assignments and Quizzes 75%

Final Exam 25%

Here is the percentage with minimum grade you will earn.

93% A, 90% A-, 87% B+, 83% B, 80% B- 77% C+ 73% C 70% C- 67%, D+ 60% D

Other Important Notes: I reserve the right to exercise discretion in raising a student’s grade if the final weighted average does not appear to reflect the quality of a student’s work (for example, because of one low exam score early in the course). I will not use discretionary judgments to lower a student’s final grade. The weighting of the scores may change if it results in a higher percentage for the student, e.g. drop lowest quiz. Do not count on this as it may not happen. This information is subject to change.

Extra credit opportunities may be offered during the semester. You should not count on it though since usually there is none. The course handouts and lectures are the property of the instructor, and may not be copied, recorded (including, but not limited to audio, or video recording), or redistributed anywhere including websites without the instructor’s permission. The instructor reserves the right to change this syllabus and the information contained.

Final Exam Date: To be announced.