

Week 3 Homework - Vector Spaces and Subspaces

Start Assignment

- Due Sunday by 11:59pm
- Points 100
- Submitting a file upload
- File Types pdf
- Available until Feb 19 at 11:59pm

The goal of this homework is to practice with the concepts of vector spaces, linear independence, rank, basis, and to completely solve systems of linear equations.

Follow the instructions in [this file \(https://sit.instructure.com/courses/78114/files/14823577?wrap=1\)](https://sit.instructure.com/courses/78114/files/14823577?wrap=1) [↓](#) [\(https://sit.instructure.com/courses/78114/files/14823577/download?download_frd=1\)](https://sit.instructure.com/courses/78114/files/14823577/download?download_frd=1) . You should submit a PDF file with your solutions. [Here](https://www.overleaf.com/read/dfqhwdqfqwgh#ad5c5c) [↗](#) [\(https://www.overleaf.com/read/dfqhwdqfqwgh#ad5c5c\)](https://www.overleaf.com/read/dfqhwdqfqwgh#ad5c5c) you can find a Latex template with some useful components.

Homework 3 - Grading Scheme		
Criteria	Ratings	Pts
Question 1		10 pts
Question 2		10 pts
Question 3		10 pts
Question 4		10 pts
Question 5		10 pts
Question 6		20 pts
Question 7		10 pts
Question 8		10 pts
Question 9		10 pts
		Total Points: 100