

## Math 331 – Skills, Knowledge and Grades

- Command of computational tools by itself is inadequate to guarantee a passing course grade.
- Regular attendance, even perfect attendance, does not guarantee a passing course grade. Regular attendance does play a role in deciding border line course grades including plus or minus letter grades.

In order to earn a grade of C, a student must

- Master all computational aspects of matrix and vector arithmetic including matrix multiplication, matrix inversion and Gaussian elimination.
- Memorize all definitions, important results and specified proofs, and demonstrate this knowledge on exams.
- Turn in all assignments, and turn them in consistently on time.
- Successfully complete most computational exercises.
- Attempt most proof-related exercises, and successfully complete at least the most basic proof-related exercises.
- Successfully complete all computational and definition-based exam questions and at least the most basic proof-related exam questions.

In order to earn a grade of B, a student must

- Master all computational aspects of matrix and vector arithmetic including matrix multiplication, matrix inversion and Gaussian elimination.
- Memorize all definitions, important results and specified proofs, and demonstrate this knowledge on exams.
- Turn in all assignments, and turn them in consistently on time.
- Successfully complete most computational exercises.
- Successfully complete most of the basic proof-related exercises and some of the challenging proof-related exercises.
- Attempt all of the homework exercises and some of the bonus problems.
- Successfully complete all computational and definition-based exam questions, most of the basic proof-related exam questions, and some of the challenging proof-related exam questions.

In order to earn a grade of A, a student must

- Master all computational aspects of matrix and vector arithmetic including matrix multiplication, matrix inversion and Gaussian elimination.
- Memorize all definitions, important results and specified proofs, and demonstrate this knowledge on exams.
- Turn in all assignments, and turn them in consistently on time.
- Successfully complete most computational and most proof-related exercises.
- Make a serious effort to complete all of the challenging proof-related exercises. Attempt some of the bonus problems.
- Successfully complete most or all of the exam questions.