

# Math 173A

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## Abstract

I'm writing these lecture notes for UC Irvine's Math 173A course, taught in the summer of 2022. This is a five-ish week course where I plan to get through the first three chapters of Hoffstein, Pipher and Silverman's book [1]. The class structure consists of a two hour lecture followed by a one hour discussion section three days a week. I'm aiming to get through two sections of the book per lecture with a midterm after chapter 2.

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## 1 An Introduction to Cryptography

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## References

- [1] Hoffstein, Jeffrey, Jill Pipher and Joseph H. Silverman. *An Introduction to Mathematical Cryptography*. Second Edition. Springer New York, NY. 2014.