

## The "Cybersecurity" Specialization

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## Announcements

### Verified Certificate Policy For This Course

This course does not offer a Statement of Accomplishment. Instead, we're making it easier than ever to earn a Verified Certificate, including the option to begin verification for free and pay anytime until the final week.

Over a hundred thousand Coursera learners have earned Verified Certificates, using them to signal mastery, advance their careers and share their accomplishments with their networks. By linking your work to your identity, Verified Certificates continue to be the best way to officially share your accomplishments with the world.

If you choose not to earn a Verified Certificate, you can still participate in the complete course. Your final score will appear on your Course Records page, noting participation in the course.

**Verification is Free. Pay When You're Ready.**

To begin earning a Verified Certificate, simply submit any assignment and you'll be prompted to start the identity verification process. You can then pay anytime until the final week of the course, when you're confident you've earned an eligible grade.

The deadline to start your trial is **1/27/15** by submitting an assignment and

### Upcoming Deadlines

#### New Lectures

[Week1\\_01 Introduction](#)[week1\\_02 Digital System Specification](#)[week1\\_03 Digital System Implementation](#)[week1\\_04 Function Simplification and Don't Care Conditions](#)[week1\\_05 Sequential System Specification](#)[week1\\_06 Sequential System Implementation](#)[week1\\_07 Vulnerabilities in Digital Logic Design](#)[week2\\_03 Watermarking Examples](#)[week3\\_03 Modular Exponentiation \(ME\) Basics](#)

selecting to participate. Then, you can pay anytime before **2/7/15**. If you do not join the trial by **1/27/15**, you will not be eligible for a Verified Certificate.

[Coursera Financial Aid](#) is also available for those with limited economic means, which has helped thousands of learners earn their Verified Certificate. Meanwhile, if you complete the course without verifying your work, you will still earn a completion grade on your Course Records page.

We will always remain committed to our mission of making high quality education accessible around the world. All courses on Coursera continue to be open and free. Whatever your motivations or goals, we hope you'll continue being a part of our incredible community of instructors and learners.

Read more about [Coursera Accomplishments](#) in the Learner Help Center.

-- The Coursera Team

*Mon 5 Jan 2015 12:40 PM PST*

## Welcome to Hardware Security

Welcome to Hardware Security, the fourth course in the Cybersecurity specialization offered on Coursera by faculties in the University of Maryland, College Park.

In this 6-week course, we will study security and trust from the hardware perspective and give an introduction to most of the important topics. The course is designed for those who are interested in security and have the learning readiness and maturity similar to a junior college student majored in science or engineer. No specific background is absolutely required.

### Recent Discussions

#### Quiz 1 Question 7

Last post by [Anonymous](#) (in 2 minutes)

#### Quiz 1 Question 5

Last post by [Anonymous](#) (3 minutes ago)

#### Quiz 1 Question 2

Last post by [Jacob Dockter](#) (5 minutes ago)

#### To prove that a logic gate is universal only need to show that for select values?

Last post by [Daniel Savard](#) (24 minutes ago)

#### Context for Watermarking Example?

Last post by [Joey Spatafora](#) (30 minutes ago)

[Browse all discussions »](#)

You can find more detailed description of the course coverage and objectives in the [syllabus](#) and the [course Introduction video](#). A couple of other lecture videos are also available in [week 0: a preview of the course](#). Grading will be based on 6 weekly quizzes (one per week) and a final exam.

This course is NOT a digital logic design course, NOT a [cryptography course](#), NOT a *do it yourself* guide on how to hack computer hardware, NOT a manual on how to build secure and trust hardware, and NOT a collection of research articles and industry standards. Instead, I have tried to combine these materials to make the course self-contained so students with different background can have a taste of all the flavors and to learn something in the following six weeks. This is a new approach to me, so I would appreciate it if you share your experience and send us your feedback (good and bad).

Finally, I would like to thank all the people who have helped me to develop this course:

- all researchers in hardware security for their hard work to establish this exciting field with many interesting problems and wonderful results.
- Coursera, University of Maryland Coursera Support team, and my colleagues in Tsinghua University for their help to build all the course materials.
- my family members for their understanding and allowing me to work on this during the holiday season.

Gang Qu

*Sun 4 Jan 2015 12:58 AM PST*

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