# DIGITAL LEADERSHIP CERTIFICATE

## Program Description

In today's accelerated world, data and digital technology are disrupting every industry and creating new opportunities for business transformation.

This certificate program will help you develop the digital leadership skills and mindset needed to thrive in this rapidly evolving digital landscape. You'll start with a digital audit of your organization and then learn to identify and implement new opportunities to drive competitive advantage through innovation and technology. From there, you'll be able to choose the focus area most relevant to you, including agile leadership, systems thinking, blockchain, data analytics, or security and privacy.[1]

Ultimately, you'll come away better prepared to lead digital transformation initiatives to success in your organization or start-up.
The courses in this certificate program are required to be completed in the order that they appear.

This program includes a year of free access to Symposium! These events feature several days of live, highly participatory virtual Zoom sessions with Cornell faculty and experts to explore the most pressing leadership topics. Symposium events are held several times throughout the year. Once enrolled in your program, you will receive information about upcoming events.

Throughout the year, you may participate in as many sessions as you wish. Attending Symposium sessions is not required to successfully complete the certificate program.

[1] All elective courses are 2 weeks, 3-5 hours of effort per week, except Systems Security, which is 3 weeks, 5-8 hours of effort per week.

## Key Takeaways

- Cultivate an entrepreneurial mindset in how you approach new business opportunities within an organization
- Explain what the classic problem in cryptography is and how cryptographic keys relate to blockchains
- Examine the design of a cryptocurrency to understand the function of blockchains
- Identify the impact and antidotes for volatility, uncertainty, complexity, and ambiguity
- Conduct a builder audit to assess product ideation in your organization
- Devise more effective approaches to managing complex systems, situations, processes, and problems
- Leverage Excel's business analytics and modeling capabilities
- Make analytical predictions and forecasts using your formatted data sets
- Develop practical literacy and analysis skills in systems security
- Audit your organization's privacy notice in terms of transparency and control

## What You'll Earn

- Digital Leadership Certificate from Cornell Tech
- 40 Professional Development Hours (4 CEUs)

## Who Should Enroll

- Business leaders
- Technology leaders, including CTOs
- Entrepreneurs

## Total Investment

- 2 months to complete all the courses

## How To Enroll

For more information on how to enroll, please visit Digital Leadership Certificate (https://ecornell.cornell.edu/certificates/technology/digital-leadership/).

| Code | Title | Hours |
|---|---|---|
| **Core Courses** | | |
| eCornell CS431 | Systems Security | 0 |
| eCornell CTECH300 | Creating Advantage Through Entrepreneurial Thinking | 0 |
| eCornell CTECH43 | AI and Digital Technology: Opportunities and Pitfalls | 0 |
| eCornell JCB432 | Defensive Data Strategies | 0 |
| **Disruptive Technology Electives** | | |
| eCornell CTECH20 | Cryptocurrencies and Ledgers | 0 |
| eCornell CTECH20 | Cryptography Essentials | 0 |
| **Systems Thinking Electives** | | |
| eCornell CIPA521 | Framing Complex Problems with Systems Thinking | 0 |
| eCornell CIPA526 | Becoming a Systems Leader | 0 |
| **Leading Through Disruptive Electives** | | |
| eCornell LSM631 | Leading in a VUCA World | 0 |
| eCornell LSM632 | Developing and Communicating Vision and Strategy | 0 |
| **Analytics Electives** | | |
| eCornell DYS543 | Visualizing and Communicating Insights In Excel | 0 |
| eCornell DYS544 | Making Predictions and Forecasts with Data | 0 |