

EXECUTIVE CYBERSECURITY LEADERSHIP PROGRAM

2023

ECLP: Transformational Cybersecurity Leadership Designed for the C-Suite



WELCOME

In today's complex and volatile cybersecurity environment, successful decision-making depends on how well one adapts to changing conditions, including those external to the organization and within it. Executive leaders must navigate existential ambiguity and move nimbly to solve problems with a sophisticated level of cultural and emotional intelligence and a high degree of situational awareness.

With this challenge in mind, the Washington University's Executive Cybersecurity Leadership Program (ECLP) is designed to catalyze your professional transformation. From Day 1, the program initiates a process of reflection, development and growth for decision-makers at the executive level. As such, we seek individuals who have a passion for growth and are inspired to go further as leaders.

Along the way, you'll learn from our ECLP instructors who are themselves executives: industry and government CISOs and security officers who are creating the thought leadership, knowledge and defensive strategies to turn the dynamic away from malicious actors in favor of the defense.

During the program, you'll also benefit from each other and the friendships to be formed. Peer-to-peer engagement broadens learning and provides insight into many different industries and issues. Topics are viewed with not only the total organization in mind but also in their socioeconomic, political and cultural contexts, creating a vibrant learning environment that is demanding and stimulating.

I invite you to explore the new Executive Cybersecurity Leadership Program and consider if it's the right executive leadership experience for you.



Sincerely,

Joe Scherrer

Joe Scherrer

Executive Director, Professional Education

Director, Graduate Studies, Cybersecurity Management

Director, Cybersecurity Strategic Initiative

Washington University in St. Louis

Executive Training from Washington University in St. Louis



The Equifax Data Breach. SolarWinds. JBS.

The U.S. Office of Personnel Management. The Log4j flaw.

Given that thousands of battles are lost in cyberspace every day, it's clear there is much work to do. Whether it's national agents, cybercrime cartels or opportunistic hackers, malicious actors continue to have overwhelming advantages. Cybersecurity has become more than a pressing concern, and the need for leaders who can understand the threat and meet the demands of this ever-evolving domain are urgently needed.

How does the cybersecurity executive deal with these complexities?

Seeking answers to this question is at the core of Washington University's new Executive Cybersecurity Leadership Program (ECLP). The ECLP is designed to provide cybersecurity leaders the knowledge and acumen needed to rise to this challenge.

In this ground-breaking course you'll build your executive toolkit and broaden your expertise at the level of the enterprise. You'll emerge with deeper understanding of the strategic organizational environment and build the intellectual sophistication needed to provide the direction and make the decisions required for executive-level leadership in the cybersecurity space.

Washington University in St. Louis

Founded in 1853, Washington University in St. Louis is known for its world-class research and scholarship. Counted among the world's leaders in teaching, Washington University challenges its faculty and students alike – drawn from all 50 states and more than 120 nations – to seek new knowledge and greater understanding through its world-class schools.

Defining cybersecurity uncertainty | Redefining leadership

Through a combination of coursework and real-world application, participants will be equipped with the skills to excel in this critical field. Distinguished by its unique, real-world curriculum and instructors, the ECLP addresses enterprise-level operational and high-priority cybersecurity management issues, while integrating ongoing leadership skills development.

The ECLP is designed for executive and rising executive cybersecurity and IT professionals—those who must balance long work hours, travel, life and family commitments. Courses are a hybrid of live online, asynchronous (offline) and in-person instruction, with three in-person immersion sessions on campus.

Program objectives

- Produce cybersecurity leaders with the enhanced depth and breadth of cybersecurity, leadership and management knowledge required for success in their positions
- Instill the broader executive mindset needed for leadership success at the enterprise level
- Enrich and extend professional networks across industries and backgrounds

Program format | overview

- ECLP Class 02 begins February 2023
- Length: 6 months
- Program begins with an on-campus orientation residency
- Online synchronous evening classes meet weekly (Thursdays)
- Mid-point residency, focusing on the financial and operational skills of the CISO
- Online sessions presented in a blend of synchronous and asynchronous format
- On-campus capstone event culminates in a strategy briefing to a panel of corporate board members and a recognition ceremony

Module 1

“Know Your Enemy and Know Yourself”

ECLP Orientation Residency:

Understanding the Cybersecurity Threat Landscape and the Evolving Role of the CISO

Program modules + outcomes

Graduates of the ECLP program will be able to:

- Cogently articulate core fundamentals of cybersecurity governance, management and risk to non-practitioners
- Expertly apply cybersecurity management and control methods
- Better act as an effective member of the corporate team
- Enact transformational leadership to inspire the team to perform at a high level of excellence

Module 2

Core Fundamentals of Cybersecurity Governance and Management

- Learn what it takes to analyze an organization’s critical information and assets as they relate to developing a security governance and policy framework
- Learn how to communicate the “why” of cybersecurity
- Translate cybersecurity from its technical and operational aspects to a strategic, enterprise risk conversation
- Gain familiarity with governance frameworks, risk assessment and the ins-and-outs of cybersecurity insurance
- Become conversant with ways to operationalize risk-based security decisions to meet compliance and business objectives

Module 3

Securing the Castle: Cybersecurity Operations for Executives

- Equip security executives with baseline knowledge to manage security and incidents, especially in large organizations

Module 4

The Other (Critical) Stuff: Finance, Talent and Legal

- Expand your ability to speak the “language of business”
- Demonstrate familiarity with financial reports and metrics
- Increase your knowledge of skills to recruit, develop and retain cybersecurity talent for your organization
- Augment your capacity to think and plan strategically to make business decisions in alignment with the strategy
- Learn the essential elements of CISO privacy and legal responsibilities, including how to manage reporting, compliance, chain-of evidence and depositions

Module 5

Leadership Practices for Cybersecurity Executives

- Define your personal leadership style, including strengths, along with areas for development
- Develop your skills at navigating organizational politics and building/exerting influence
- Understand and manifest leadership presence
- Distinguish factors that impact the success of large-scale change management initiatives
- Improve your ability to sustain high performance under pressure and handle stress

For detailed course information visit tlcenter.wustl.edu

Module 6

Cybersecurity Capstone Project

- Outbrief group cybersecurity strategic plans
- Provide a realistic and impactful experience culminating with a board-level briefing comprised of board members from industry

Experts who lead | Leaders who teach

With some of the sharpest minds in the industry, ECLP instructors are known for their real-world experience, productivity and innovative solutions. In addition to their practical knowledge, they sit on corporate boards, consult, mentor, and are highly respected in their fields.



Luis Arzu
Vice President
Information Security
Urban One

Pioneer in analytics-driven cybersecurity. Extensive experience in enterprise-level cybersecurity governance.



Alan Berry
Vice President
Cybersecurity
Centene

Career track record of building high-performing teams and conducting operations in the most demanding environments.



Chetan Bhatia
Managing Director,
Cyber Resilience
and Engagement
Management
Stroz Friedberg
Aon's Cyber Solutions
Nationally recognized expert in incident response. Extensive involvement with remediation of high-profile breaches.



Gary Harbison
Global CISO
Johnson & Johnson

A proven security strategy leader in roles that include multiple global fortune 500 companies, as well as experience with the U.S. Department of Defense.



Josh Jaffe
Vice President
Cybersecurity
Dell

A well-established cyber thought leader known for turning the tables on cybercrime with wide-ranging industry and government cybersecurity experience.



Josh Knopp
VP, CISO
Enterprise Holdings, Inc.

A senior executive at one of America's largest privately owned companies, managing the security strategy and programs for offices and locations in more than 90 countries and territories across the globe.

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Jason Kravitz

Partner, Cybersecurity
& Privacy
Nixon Peabody

A trial attorney who assists clients in response to cyberattacks and litigates privacy-related disputes. Jason has extensive experience running patent, trademark, copyright, trade secret, false advertising and software implementation disputes.



Hilary Lane

Data Strategy Privacy
& Security, Partner
Holland & Knight

A privacy and security attorney with deep experience advising on state and federal law as it pertains to global data protection requirements. Prior, Hilary was Chief Privacy Officer at NBC Universal where she built/led their global privacy programs



Matt Modica

VP, CISO
BJC HealthCare

First in the CISO role at BJC, one of the nation's largest nonprofit health care organizations with more than 31,000 employees. Experience and oversight of enterprise IT systems, business operation and facility defenses against security breaches and vulnerability issues.



Joe Scherrer

Executive Director
Professional Education
Washington University

Senior U.S. Air Force Officer, leading the only combat-coded communications unit. Authored the nation's first national military strategy for cybersecurity.



Chris Shull

CISO
Washington University

Executive leader with deep expertise in Information Security and Privacy Risk Management, focusing on higher education, health care, pharmaceuticals, financial services, hazardous chemicals and medical device manufacturing.



Andrew Wilder

VP, CISO
Hillenbrand

Senior leader at a globally diversified industrial company with extensive experience in information management and IT security, with a focus on cyber-risk management, digital disruption and digital transformation.



Admissions | Application guidelines

Applications for the Executive Cybersecurity Leadership Program are currently being accepted for **ECLP Class 02 beginning February 15, 2023**. To apply:

tlcenter.wustl.edu/executive-cybersecurity-certificate

Who should consider enrolling in the Executive Cybersecurity Leadership Program?

- Chief Information Security Officers
- Chief Security Officers
- Vice Presidents/Senior Vice Presidents of Security
- Chief Information Officers
- Chief Technology Officers
- Chief Executive Officers in the cybersecurity industry
- Candidates preparing to assume executive-level security roles

Application process

1. Visit <https://tlcenter.wustl.edu/executive-cybersecurity-certificate> to complete the short online application.
2. Submit a Statement of Purpose: Compose a brief essay that addresses your professional achievement and potential for future success and personal qualities such as integrity, drive and leadership capabilities
3. Prepare for an applicant interview facilitated by a member of the ECLP admissions team.

We encourage you to speak with one of our admissions team members about our program requirements, but in general, successful candidates for the ECLP share the following attributes:

- Ability to understand and execute professional higher education coursework
- 12 + years of work experience with demonstrated career progression
- Cybersecurity or IT experience that will contribute to classroom learning
- The desire to enhance cybersecurity practices in their organizations
- The ability to collaborate and work as a team
- Support and commitment to completing a 6-month program

EXECUTIVE CYBERSECURITY LEADERSHIP PROGRAM

ECLP Class 02 Calendar 2023

CLASS DATES + SCHEDULE

<p>ECLP Class 02 Immersion Residency in St. Louis</p> <p>Understanding the Cybersecurity Threat Landscape and the Evolving Role of the CISO</p>	<p>Wed Feb 15</p> <p>Arrival in St. Louis</p> <p>Check-in Welcome</p>	<p>Thurs Feb 16</p> <p>Module 1: <i>Know Your Enemy and Know Yourself</i></p> <ul style="list-style-type: none"> • Program Orientation • Evolution of the CISO • Understanding the Cybersecurity Threat Landscape <p>Class dinner</p>	<p>Fri Feb 17</p> <ul style="list-style-type: none"> • CISO Mentor Seminar • Program Motivation and Expectations <p>Review, wrap up and departure</p>
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<p>Week 1 ECLP Course ONLINE</p>	<p>Thurs Feb 23</p> <p>Module 2: <i>Core Fundamentals of Cybersecurity Management and Governance</i></p> <p>Session 1: Communicating the “Why” of Cybersecurity</p>
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<p>Week 2 ECLP Course ONLINE</p>	<p>Thurs Mar 2</p> <p>Session 2: Governance Essentials and Core Cybersecurity Frameworks</p>
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<p>Week 3 ECLP Course ONLINE</p>	<p>Thurs Mar 9</p> <p>Session 3: Making Sense of Risk</p>
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Week 4 ECLP Course ONLINE	Thurs Mar 16 Session 4: Prep for Success: Security Strategy & Program Development
Week 5 ECLP Course ONLINE	Thurs Mar 23 Session 5: Bureaucratic Essentials of Cybersecurity
Week 6 ECLP Course ONLINE	Thurs Mar 30 Session 6: The Often-Overlooked Importance of Privacy
Week 7 ECLP Course ONLINE	Thurs Apr 6 Module 3: <i>Securing the Castle—Cybersecurity Operations for Executives</i> Session 1: Cybersecurity Operations Essentials (Part I)
Week 8 ECLP Course ONLINE	Thurs Apr 13 Session 2: Cybersecurity Operations Essentials (Part II)
Week 9 ECLP Course ONLINE	Thurs Apr 20 Session 3: Achieving Data-Driven Security
Week 10 ECLP Course ONLINE	Thurs Apr 27 Session 4: Dealing with the Inevitable: Full-Spectrum Incident Response

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<p>Week 11 ECLP Course ONLINE</p>	<p style="text-align: right;">Thurs May 4</p> <p style="text-align: right;">Session 5: Incident Response Tabletop Exercise</p>		
<p>Week 12 ECLP Course ONLINE</p>	<p style="text-align: right;">Thurs May 11</p> <p>Module 4: <i>The Other (Critical) Stuff: Finance 101, Talent Acquisition and Management</i></p> <p style="text-align: right;">Session 1: Build, Develop and Retain Your Team</p>		
<p>Week 13 ECLP Mid-point Residency in St. Louis</p>	<p style="text-align: center;">Wed May 17</p> <p>Arrival in St. Louis</p> <p>Check-in Welcome</p>	<p style="text-align: center;">Thurs May 18</p> <p>Module 4: <i>The Other (Critical) Stuff: Finance 101, Talent Acquisition and Management (cont.):</i></p> <p>Speaking the Language of Business</p> <p>Class dinner</p>	<p style="text-align: center;">Fri May 19</p> <p>Advantexe CISO Business Simulation</p> <p>Capstone project prep</p> <p>Review, wrap up and departure</p>
<p>Week 14 ECLP Course</p>	<p style="text-align: right;">Thurs May 25</p> <p style="text-align: right;">Session Break: No Classes</p>		
<p>Week 15 ECLP Course ONLINE</p>	<p style="text-align: right;">Thurs June 1</p> <p style="text-align: right;">Session 4: Legal Implications of Being a CISO</p>		

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<p>Week 16 ECLP Course ONLINE</p>	<p style="text-align: right;">Thurs June 8</p> <p>Module 5: <i>Leadership Practices for Cybersecurity Executives</i></p> <p style="text-align: right;">Session 1: Transformational Leadership</p>		
<p>Week 17 ECLP Course ONLINE</p>	<p style="text-align: right;">Thurs June 15</p> <p style="text-align: right;">Session 2: Building and Sustaining Organizational Culture</p>		
<p>Week 18 ECLP Course ONLINE</p>	<p style="text-align: right;">Thurs June 22</p> <p style="text-align: right;">Session 3: Navigating Your Political Force Field</p>		
<p>Week 19 ECLP Course ONLINE</p>	<p style="text-align: right;">Thurs June 29</p> <p style="text-align: right;">Session 4: Grow Your Executive Presence:</p>		
<p>Week 20 ECLP Course</p>	<p style="text-align: right;">Thurs July 6</p> <p style="text-align: right;">Holiday Break: No Classes</p>		
<p>Week 21 ECLP Course ONLINE</p>	<p style="text-align: right;">Thurs July 13</p> <p style="text-align: right;">Session 5: Increase Your Stress Resilience</p>		
<p>Week 22 ECLP Residency in St. Louis</p> <p>Capstone Project and Presentations</p>	<p style="text-align: center;">Wed July 18</p> <p>Arrival in St. Louis</p> <p>Check-in</p>	<p style="text-align: center;">Thurs July 19</p> <p>Module 6: Capstone outbrief and team preparations</p>	<p style="text-align: center;">Fri July 20</p> <p>Capstone presentations</p> <p style="text-align: right;">Class 02 Recognition ceremony</p> <p>Departure</p>

Dates and on-campus immersion experiences are subject to change. Updated 11-30-2022

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Contact us

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Washington University's Technology & Leadership Center provides high-impact, results-driven educational programming for individuals and organizations. Whether it's training to enter a new field, continuing professional education or industry certifications, the learning is personal – and personalized, through an array of offerings in areas that include Agile, Cybersecurity, Data Analytics, Project Management and more. Our corporate training programs are tailored in partnership with organizations to meet their strategic goals and learning objectives, with instructors who bring expertise, real-world experience and insight to the classroom.