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


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
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 1
“Know Your Enemy and Know Yourself”
ECLP Orientation Residency:
Understanding the Cybersecurity Threat Landscape and the Evolving Role of the CISO

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

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

For detailed course information visit tlcenter.wustl.edu
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.
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

<table>
<thead>
<tr>
<th>Week 1</th>
<th>ECLP Course ONLINE</th>
<th>Thurs Feb 23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wed Feb 15</td>
<td>Module 2: <em>Core Fundamentals of Cybersecurity Management and Governance</em></td>
<td></td>
</tr>
<tr>
<td>Thurs Feb 16</td>
<td>Session 1: Communicating the “Why” of Cybersecurity</td>
<td></td>
</tr>
<tr>
<td>Fri Feb 17</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 2</th>
<th>ECLP Course ONLINE</th>
<th>Thurs Mar 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 3</th>
<th>ECLP Course ONLINE</th>
<th>Thurs Mar 9</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Week 1

**ECLP Class 02 Immersion Residency in St. Louis**

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

- Arrival in St. Louis
- Check-in
- Welcome

**ECLP Class 02 Immersion Residency in St. Louis**

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

- Arrival in St. Louis
- Check-in
- Welcome

**Week 1**

**ECLP Course ONLINE**

**Module 1:** *Know Your Enemy and Know Yourself*

- Program Orientation
- Evolution of the CISO
- Understanding the Cybersecurity Threat Landscape

**Week 2**

**ECLP Course ONLINE**

**Session 2:** Governance Essentials and Core Cybersecurity Frameworks

**Week 3**

**ECLP Course ONLINE**

**Session 3:** Making Sense of Risk

## CLASS DATES + SCHEDULE
<table>
<thead>
<tr>
<th>Week</th>
<th>ECLP Course</th>
<th>ONLINE</th>
<th>Thurs</th>
<th>Session</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 4</td>
<td>ECLP Course</td>
<td>ONLINE</td>
<td>Mar 16</td>
<td>Session 4:</td>
<td>Prep for Success: Security Strategy &amp; Program Development</td>
</tr>
<tr>
<td>Week 5</td>
<td>ECLP Course</td>
<td>ONLINE</td>
<td>Mar 23</td>
<td>Session 5:</td>
<td>Bureaucratic Essentials of Cybersecurity</td>
</tr>
<tr>
<td>Week 6</td>
<td>ECLP Course</td>
<td>ONLINE</td>
<td>Mar 30</td>
<td>Session 6:</td>
<td>The Often-Overlooked Importance of Privacy</td>
</tr>
<tr>
<td>Week 7</td>
<td>ECLP Course</td>
<td>ONLINE</td>
<td>Apr 6</td>
<td>Module 3:</td>
<td>Securing the Castle—Cybersecurity Operations for Executives</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Session 1:</td>
<td>Cybersecurity Operations Essentials (Part I)</td>
</tr>
<tr>
<td>Week 8</td>
<td>ECLP Course</td>
<td>ONLINE</td>
<td>Apr 13</td>
<td>Session 2:</td>
<td>Cybersecurity Operations Essentials (Part II)</td>
</tr>
<tr>
<td>Week 9</td>
<td>ECLP Course</td>
<td>ONLINE</td>
<td>Apr 20</td>
<td>Session 3:</td>
<td>Achieving Data-Driven Security</td>
</tr>
<tr>
<td>Week 10</td>
<td>ECLP Course</td>
<td>ONLINE</td>
<td>Apr 27</td>
<td>Session 4:</td>
<td>Dealing with the Inevitable: Full-Spectrum Incident Response</td>
</tr>
<tr>
<td>Week 11</td>
<td>ECLP Course</td>
<td>ONLINE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------</td>
<td>-------------</td>
<td>--------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Thurs May 4</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session 5: Incident Response Tabletop Exercise</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 12</th>
<th>ECLP Course</th>
<th>ONLINE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thurs May 11</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Module 4: The Other (Critical) Stuff: Finance 101, Talent Acquisition and Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session 1: Build, Develop and Retain Your Team</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 13</th>
<th>ECLP Mid-point Residency in St. Louis</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wed May 17</strong></td>
<td><strong>Thurs May 18</strong></td>
</tr>
<tr>
<td>Arrival in St. Louis</td>
<td>Module 4: The Other (Critical) Stuff: Finance 101, Talent Acquisition and Management (cont.): Speaking the Language of Business</td>
</tr>
<tr>
<td>Check-in Welcome</td>
<td>Class dinner</td>
</tr>
<tr>
<td>Welcome</td>
<td>Review, wrap up and departure</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 14</th>
<th>ECLP Course</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thurs May 25</strong></td>
<td></td>
</tr>
<tr>
<td>Session Break: No Classes</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Week 15</th>
<th>ECLP Course</th>
<th>ONLINE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thurs June 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Session 4: Legal Implications of Being a CISO</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Week 16
Module 5: Leadership Practices for Cybersecurity Executives
Thurs June 8
Session 1: Transformational Leadership

Week 17
Thurs June 15
Session 2: Building and Sustaining Organizational Culture

Week 18
Thurs June 22
Session 3: Navigating Your Political Force Field

Week 19
Thurs June 29
Session 4: Grow Your Executive Presence:

Week 20
Thurs July 6
Holiday Break: No Classes

Week 21
Thurs July 13
Session 5: Increase Your Stress Resilience

Week 22
Module 6: Capstone outbrief and team preparations
Wed July 18
Arrival in St. Louis
Check-in

Thurs July 19
Capstone presentations
Class 02
Recognition ceremony

Fri July 20
Departure

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

Director, Graduate Studies, Cybersecurity Management
Joe Scherrer
Executive Director, Professional Education
Director, Cybersecurity Strategic Initiative
314-935-9247
joseph.scherrer@wustl.edu

Director, Professional Development Programs
Joe Streit
314-935-5367
jstreit@wustl.edu

Billing
Cindy Heidorn
314-935-3951
cindy_heidorn@wustl.edu

Technology & Leadership Center
McKelvey School of Engineering
Washington University in St. Louis
One Brookings Drive
St. Louis, MO 63130
314-935-4444
tlcenter@wustl.edu

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.