

WANT TO EXPAND YOUR **CYBERSECURITY** CAREER EVEN FURTHER?

Look no further than University of Fairfax's
ONLINE DOCTORATE OF INFORMATION ASSURANCE

1813 E. Main St
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UNIVERSITY OF FAIRFAX PROUDLY SERVES THOSE WHO SERVE US

Dr. Claude L. Jenkins II a University of Fairfax graduate, currently serves as a computer science and technology professional with the US Army Communications and Electronics Command, Software Engineer Center (CECOM SEC). In this capacity, Dr. Jenkins co-chairs the Cybersecurity Strategy Integrated Product Team that manages the portfolio of programs and products under the General Fund Enterprise Business System.

Dr. Jenkins holds a master's degree in computer resource and information management with Webster University, and a bachelor's degree in computer science with Park University. He was motivated to earn his doctorate in information assurance with the University of Fairfax (UF) because of UF's "operational and real-world applicability."

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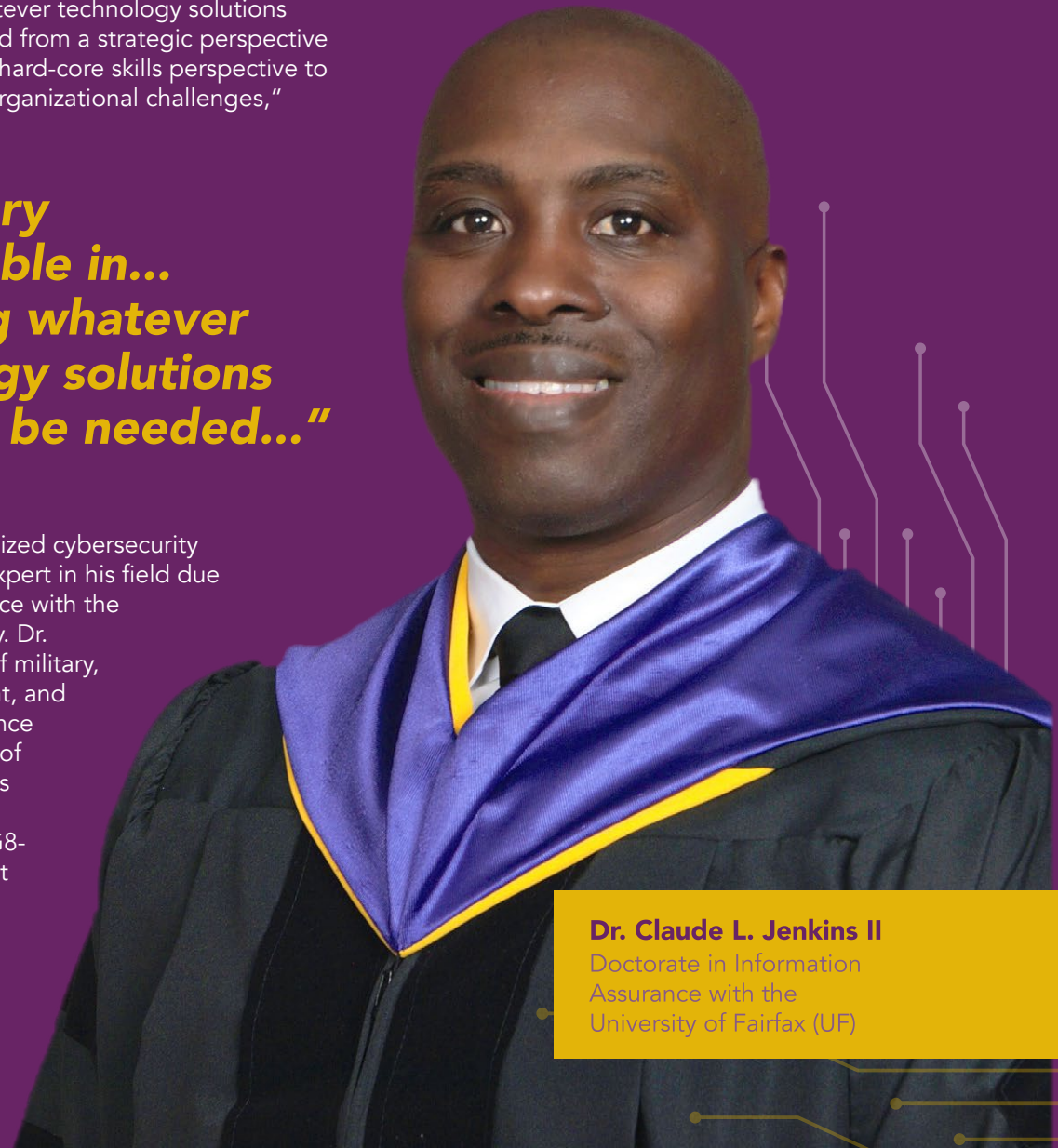
"The technical aspects in which the curriculum is drafted off of the eight domains of the CISSP and some of the other aspects being taught by some of the other industry-recognized certifications... as well as a structured academic curriculum," said Dr. Jenkins. "[This makes] the University of Fairfax unique from any other program that I have had the opportunity to research."

Because of his time at UF, Dr. Jenkins feels empowered by his education and confident in

his abilities to operate in federal, state, or local government, private industry, academia, and healthcare. "I feel very comfortable in operating and providing whatever technology solutions that may be needed from a strategic perspective and even from the hard-core skills perspective to addressing these organizational challenges," said Jenkins.

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Jenkins is a recognized cybersecurity professional and expert in his field due to his lengthy service with the United States Army. Dr. Jenkins' 30 years of military, federal government, and contractor experience spans a wide array of information systems and organizations, such as the Army G8-Force Development Directorate and the US Army Cyber Center of Excellence.



Dr. Claude L. Jenkins II

Doctorate in Information
Assurance with the
University of Fairfax (UF)

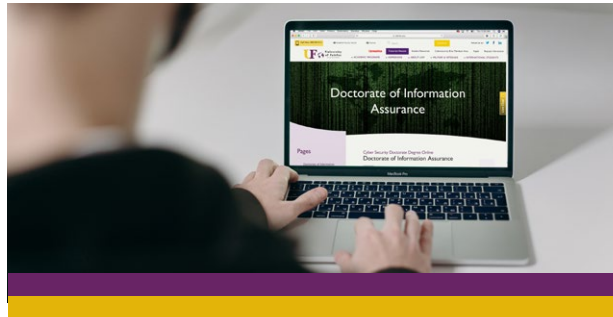
Doctorate of Information Assurance (DIA)

Distinguished among cybersecurity leaders, our doctoral students have diverse professional objectives – such as becoming a cybersecurity leader, policymaker, applied researcher or academic. Your admissions advisor will guide you to pursue the doctoral program that best fits your career goals and interests.

As a doctoral student, all of your courses here will explore relevant cybersecurity policy issues in enterprise management; you'll complete a cybersecurity project in each, enabling you to make immediate and lasting workplace contributions.



You'll learn from leading-practitioner cybersecurity faculty whose cybersecurity colleagues can become an integral part of your professional network throughout your career.



You can access your project-driven courses online from any location, when it's convenient for you, and easily communicate with your instructors and classmates. You'll progress through your coursework in a group, which provides opportunities for collaborative learning and support, as well as more personalized instruction.



Close communication with your advisor and the University's unique Dissertation Project Plan enable you to complete manageable milestones that ensure you're making steady progress toward completing your dissertation and reaching your goal.

DOCTORATE DISSERTATION

Phase I

DISSERTATION BOOTCAMP

Doctoral students present their proposed research sites and topic areas at a Dissertation Bootcamp where they are given feedback by potential Dissertation Advisors.

Phase II

DISSERTATION HANDBOOK

The University of Fairfax Dissertation Handbook has been developed as a resource to help guide doctoral students through the dissertation process, from identifying a feasible field research dissertation topic to producing a defensible dissertation.

Phase III

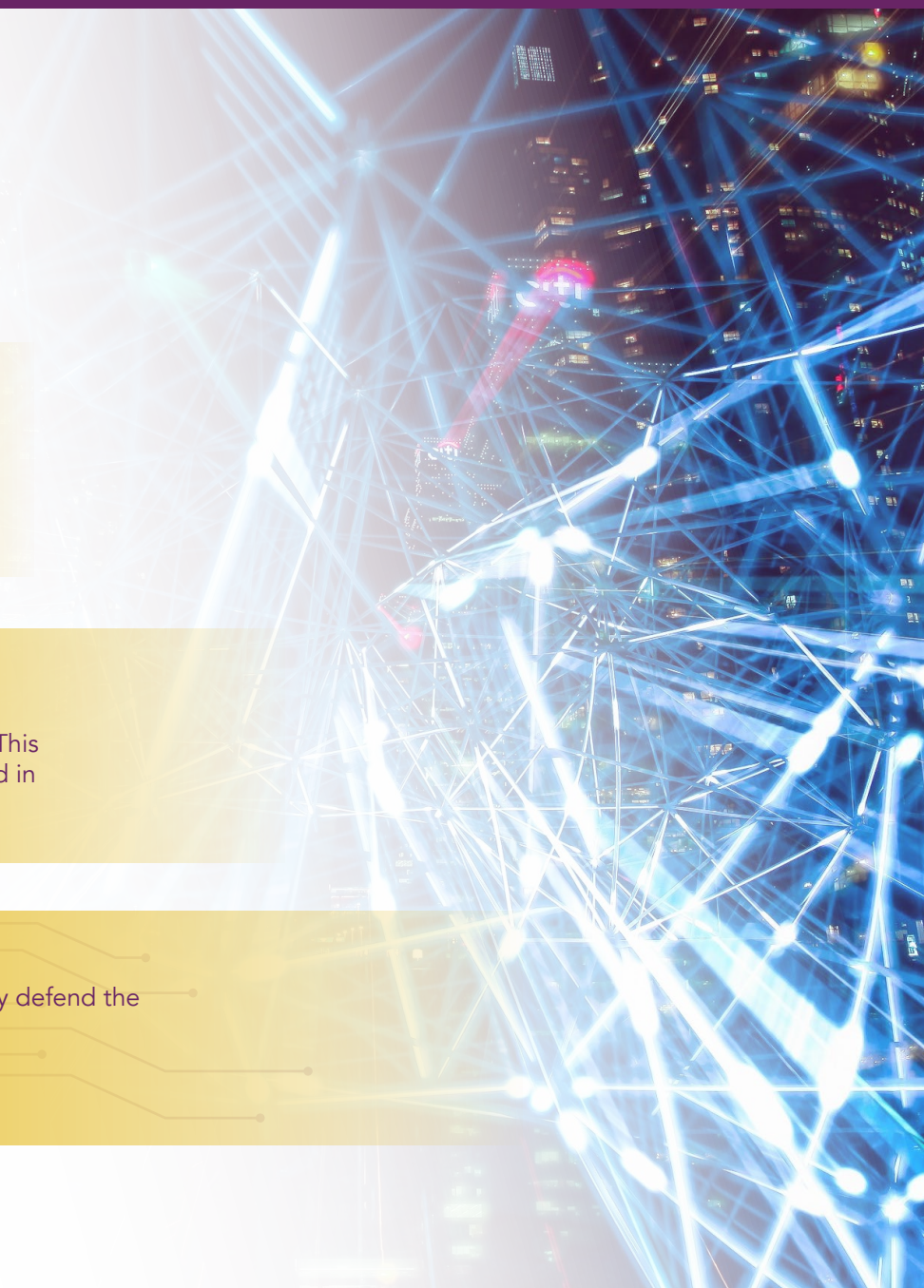
DISSERTATION PROJECT PLAN

To ensure that students make steady progress towards the completion of their dissertations, the University has developed the Dissertation Project Plan (DPP). This plan consists of a series of deliverables students produce while they are enrolled in research methods, research preparation and dissertation development courses.

Phase IV

DISSERTATION DEFENSE

Finally, prior to conferral of the degree, the doctoral candidate must successfully defend the doctoral dissertation in an oral presentation before the Dissertation Committee.



Phases and Course Descriptions

PHASE I

Feasibility Problem Driven Research

In this course, students identify a research site, describe a plan for access to the research site, identify a problem affecting the research site that can be developed into a feasible topic area for field research, and develop a working bibliography of recent and relevant peer-reviewed research that supports the theoretical framework of the proposed topic.

(Prerequisite: Program Core, Pre-Dissertation and Research Methodologies completed)

Designing Solutions to Information Security Problems

In this course, doctoral students enrolled in the DIA program continue to evaluate the feasibility of their proposed research site and the potential solutions to be studied.

PHASE II

Phase II consists of the Research Preparation courses (RES8110, RES8120, RES8121, and RES8130) in which doctoral students follow a structured approach to designing their dissertation study, refining their research question/s, and developing the operational details for their study. The focus is on clearly specifying the assessment criteria and organizational requirements needed to justify a proposed improvement in professional practice, and on designing and implementing such an assessment.

Dissertation Proposal (Chapter 1)

Dissertation Proposal (Chapter 2)

Dissertation Proposal (Chapter 2, Continued)

Dissertation Proposal (Chapters 3 and 4.1, IRB)

PHASE III

Dissertation Manuscript (Chapters 4 & 5)

Doctoral candidates complete the approved field research and collect and analyze data according to the plan set forth in the approved dissertation proposal (Chapters 1-4.1) that was completed and approved in the RES course sequence during Phase II.

PHASE IV

Dissertation Manuscript (Chapters 4 & 5)

In this course, candidates present their findings to the Dissertation Committee at the defense.

(Prerequisite: Approval to Defend)

PHASE IV

Final Dissertation

In this class, you will work with your assigned doctoral committee consisting of a Mentor/Chair and two or more faculty reviewers/readers to complete your dissertation manuscript. You work with your Mentor/Chair to solidify a solid final working draft of your entire manuscript for submission, review, and approval by your entire committee.

DIA PROGRAM CORE REQUIREMENTS

Minimum credits required for DIA: 62*

Information Security Systems and Organizational Awareness

Students will explore a set of core IS principles that will prepare students to function more efficiently and effectively as workers, managers, decision makers, and organizational leaders. This course will provide insights into challenges and changing roles of the IS professional so that students can better appreciate the role of this key individual.

Legal and Ethical Practices in Information Security

In this course, students will explore ethical business decision making as a related to the use of technology by evaluating information security case studies and produce real-life deliverables.

Information Security and Organizational Change

Students will analyze the principles of change management as they apply to the requirements and regulations of information security. Students evaluate the factors which affect corporate decision-making when implementing security programs and the ability of the manager to translate corporate needs into information security projects.

Business and Security Risk Analysis

This course provides students with an overview of risk management principles. Methods to identify, quantify, and qualify internal and external risks to the organization are examined. Students apply these principles and methods to the current business and risk environment.

Certification and Accreditation

In this course, students analyze an enterprise-wide view of information systems and the establishment of appropriate, cost-effective information protection programs. Within this context, students examine a set of standard policies, procedures, activities, and a management structure to certify and accredit information systems for the protection of the data as well as the systems.

* Credit hours may exceed the minimum stated if dissertation deliverables are not completed within expected timeframes.

OTHER COURSE REQUIREMENTS

Specialization Courses:

Cloud Cybersecurity

In this course students will research and analyze virtualization technology needed in today's rapidly changing IT workplace.

Cybersecurity Insurance

In this course students will explore advanced security techniques & procedures to effectively secure data network through the use of Cryptography & System Security.

Forensic Evaluation and Incident Response Management

In this course, students explore the essentials of electronic discovery and analyze issues related to cyber evidence.

Strategic and Technical Trends Information Security

In this course, students explore the essentials of electronic discovery and analyze issues related to cyber evidence.

Research Topics in Information Security

In this course students must complete 2 written research papers which demonstrate mastery of the selected CBK domains, literature-based research skills, and APA format.

Pre Dissertation:

Research Foundations

In this course, doctoral students are introduced to the purpose and nature of primary research. Students explore the foundations and concepts of applied field research.

Qualitative and Quantitative Analysis

In this course, doctoral students are introduced to the purpose and nature of primary research. Students explore the foundations and concepts of applied field research.

Comprehensive & Qualifying Examination

Students complete the Comprehensive & Qualifying Examination in weeks 4-8 of the RM9100 course. The IA9130 course is administered concurrently with RM9100.

Research Methodologies:

Security Program Strategies and Implementation

Two part course advanced research methodology sequence that is designed to assess the student's ability to conduct independent research under instructor guidance.

Legal and Ethical Management Issues in Information Security

In this course, those enrolled in the DIA program continue to evaluate the feasibility of their proposed research site and the potential solutions to be studied.



Pursue Your Degree at University of Fairfax

The Master of Science in Cybersecurity is SEVP-approved for F-1 international students.

- Academic programs offered in hybrid format, with one four-day (Thursday-Sunday) residency per 16-week term for graduate students.
- Acceptance of transfer credits (up to 50% for Graduate level students).
- Curriculum Practical Training allows students to work up to 40 hours a week for 1 year without affecting OPT (Optional Practical Training).

Part-time CPT also an option for entire academic programs.

- No additional fees or charges for CPT!
- No health insurance required.
- No hidden fees

Military Friendly

At University of Fairfax, we recognize what U.S. military men and women do for our country. We are committed to helping our military students, honorably discharged veterans, their spouses and their families develop the skills and knowledge needed to pursue opportunities in the fastest-growing career fields: business, health care, and computer technology.

Military/Veteran features and benefits:

- A military-friendly university prepared to help you achieve your education and career goals.
- University of Fairfax is approved to offer GI Bill®* educational benefits by the Virginia State Approving Agency.
- Military Training & Education — Earn credit for your military schools and experience, or test out of courses.
- Transfer Credits — If you have already begun your studies elsewhere, or if you hold a diploma or degree from another college or university, you will find that UF makes transferring credits simple so that you can get a head start on your career program.
- Exclusive Military Grants — Our Blue Ribbon Grant awards up to \$18,000 in additional financial support to qualified current former military, Guard/ Reserve, and dependents.

* GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by VA is available at the official U.S. government website at <http://www.benefits.va.gov/gibill>.

UF President Frank Longaker
Captain, Special Forces, Vietnam
U.S. Army, 1967-1970

"We've helped many veterans, spouses, and dependents achieve their educational goals. I invite you to discover what we can do for you."





"The mission of the University of Fairfax is to offer flexible, in-demand distance education programs that meet the needs of employers in a changing global marketplace. The University designs quality programs that foster critical thinking, effective communication, and collaboration in career-focused disciplines. The programs offer students practitioner-focused curricula that advance applied knowledge and research in applicable contemporary career fields."



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