SCHOOL OF CONTINUING AND PROFESSIONAL STUDIES

At the School of Continuing and Professional Studies, lives change. New possibilities emerge. New knowledge is formed. New skills are gained. We exist to serve adult learners and to help our students write energizing new chapters in their personal and professional lives.

For more than a century, Loyola University Chicago has been transforming the trajectory of student lives, driving professional and personal pursuits with high-quality academic offerings and lively learning environments. A forward-thinking, responsive institution, we have designed accredited academic programs to meet market needs and introduced novel online coursework to deliver the flexibility students need. We have emerged a national leader in online education and created spirited learning environments where students develop tangible skills they can apply in the contemporary workplace.

SCPS offers undergraduate programs to propel your career, enrich your life, and power social mobility.

Whether you’re interested in a career in the digital revolution, IT, business, law, or psychology, SCPS undergraduate programs will develop and enhance your skills in:

- Effective communication techniques
- Leadership, critical thinking, and problem solving
- Information Technologies and digital market trends
- Faith, civic, and global engagement as well as intercultural dialogue
- Ethical reasoning, teamwork, and collaboration

With fully online classes and flexible 8-week schedules, you will be able to balance your degree pursuits with your life’s other responsibilities. And with courses led by scholars and active practitioners in their respective fields, you can be assured you will gain the relevant knowledge and practical skills to advance in your career.

Our Mission

Loyola University Chicago’s School of Continuing and Professional Studies empowers adult learners through an accessible, impactful and holistic education that positions them for success.

Our applicable programs and flexible formats enable students to advance careers and fulfill personal goals. Guided by Loyola’s Jesuit tradition, SCPS creates a supportive environment that fosters social justice, ethics, and service to others.

For more information, see:

- Loyola’s Mission & Identity (http://www.luc.edu/mission/mission_vision.shtml/)
- Transformative Education in the Jesuit Tradition (http://www.luc.edu/media/lucedu/mission/pdfs/Transformative%20Education%20document.pdf) (PDF)

Undergraduate Programs

- Applied Pastoral Studies Certificate (https://catalog.luc.edu/undergraduate/continuing-professional-studies/applied-pastoral-studies-certificate/)
- Applied Psychology (BA) (https://catalog.luc.edu/undergraduate/continuing-professional-studies/applied-psychology-ba/)
- Applied Studies (BA) (https://catalog.luc.edu/undergraduate/continuing-professional-studies/applied-studies-ba/)
- Computer Science Certificate (https://catalog.luc.edu/undergraduate/continuing-professional-studies/computer-science-certificate/)
- Cybersecurity Technology Management Certificate (https://catalog.luc.edu/undergraduate/continuing-professional-studies/cybersecurity-technology-management-certificate/)
- Information Technology (BA) (https://catalog.luc.edu/undergraduate/continuing-professional-studies/information-technology-ba/)
- Information Technology (BA/MS) (https://catalog.luc.edu/undergraduate/accelerated-bachelors-masters-program/information-technology-bams/)
- Introduction to Data Science Certificate (https://catalog.luc.edu/undergraduate/continuing-professional-studies/introduction-data-science-certificate/)
- Management (BA) (https://catalog.luc.edu/undergraduate/continuing-professional-studies/management-ba/)
- Management/Instructional Design (BA/MPS) (https://catalog.luc.edu/undergraduate/accelerated-bachelors-masters-program/management-instructional-design-ba-mps/)
- New Media Communication Certificate (https://catalog.luc.edu/undergraduate/continuing-professional-studies/new-media-communication-certificate/)
- Organizational Development and Leadership Certificate (https://catalog.luc.edu/undergraduate/continuing-professional-studies/organizational-development-leadership-certificate/)
- Organizational Psychology Certificate (https://catalog.luc.edu/undergraduate/continuing-professional-studies/organizational-psychology-certificate/)
- Paralegal Studies (BA) (https://catalog.luc.edu/undergraduate/continuing-professional-studies/paralegal-studies-ba/)
- Strategic Digital Communication (BA) (https://catalog.luc.edu/undergraduate/continuing-professional-studies/strategic-digital-communication-ba/)
- User Experience Design Certificate (https://catalog.luc.edu/undergraduate/continuing-professional-studies/user-experience-design-certificate/)
- Web Design and Development Certificate (https://catalog.luc.edu/undergraduate/continuing-professional-studies/web-design-development-certificate/)
- Web Technologies (BA) (https://catalog.luc.edu/undergraduate/continuing-professional-studies/web-technologies-ba/)

School of Continuing and Professional Studies Policies

Transfer and Non-Traditional Credit

Loyola SCPS accepts transfer credit earned from regionally accredited institutions. We can accept up to 64 credit hours across all two-year institutions (community colleges), and an unlimited number of credit hours from four-year universities.

Adult students, in particular, often have a reservoir of college-level learning gained through professional and personal accomplishments that they can use to earn non-traditional credit toward select SCPS programs.
ACJL 310 Organizational Leadership in Criminal Justice (3 Credit Hours)

This course provides an introduction to the study of criminal justice organizations and leadership practices. It includes a review of leadership styles, budgeting, communication with members, personnel problems, maintaining organizational accountability, promoting and responding to internal and externally-imposed reforms, and other leadership challenges. Restricted to Applied Criminal Justice Leadership majors only. Describe best leadership practices for continuing improvement and effectiveness; Research and review the academic literature associated with police leadership and management; Critically assess the strengths and weaknesses of the major theories of police leadership and management. Outcomes: Discuss leadership challenges in criminal justice organizations and institutions.

ACJL 320 Ethics, Justice, Leadership (3 Credit Hours)

Study of ethical obligations of criminal justice personnel and the meaning of justice, with emphasis on law enforcement and corrections components; includes management strategies and accountability for ensuring ethical conduct, civilian review and discipline, civil liability, and importance of leadership in promoting and maintain an ethical and just work environment. Restricted to Applied Criminal Justice Leadership majors only. Outcomes: Apply basic principles of moral theory and concepts of justice to ethical issues, moral dilemmas, and other challenges facing actors working within the criminal justice system; Use methods and strategies for effective leadership skills to promote an ethical environment in criminal justice organizations; Foster an ethical organizational environment, including ethics training, development of codes of ethics and rules of professional responsibility; Adopt methods of promoting accountability, including technological and civilian review of accountability systems, and effective disciplinary mechanisms; Identify strategies for investigating systemic criminal justice system misconduct.

ACJL 330 Community Policing in the 21st Century (3 Credit Hours)

This course examines the history and development of police community relations and its importance for crime control. Topics covered include community policing, problem oriented policing, and the effect of aggressive patrol strategies on community relations. The recommendations of the President’s Task Force on 21st Century Policing are also examined. Restricted to Applied Criminal Justice Leadership majors only. Outcomes: Examine the history and development of effective police community relations and its importance for crime control; Recognize the role of racial, class, and cultural identities in a diverse American society and the effect of racial profiling and unconscious bias on community relations; Describe community policing, problem solving, and other emerging strategies; Research and review the academic literature associated with the study of community policing; Critically assess the strengths and weaknesses of the major theories of community policing; Discuss the recommendations of the President's Task Force on 21st Century Policing, including the adoption of internal and external procedural justice, a guardian culture, and less than lethal force standards.

ACJL 340 Effective Communication in Criminal Justice (3 Credit Hours)

Effective written and oral communication for CJ personnel; includes grammar, spelling, punctuation, chronological articulation, and writing style in investigative reports and other documentation, public speaking, active listening skills, conducting interviews, providing oral witness testimony in criminal prosecutions, and managing media relations and communications. Restricted to Applied Criminal Justice Leadership majors only. Outcomes: Develop effective written and oral communication for rank and file and supervisory criminal justice personnel; Use proper grammar, spelling, punctuation, chronological articulation, and writing style in investigative notes, reports, and other documentation; Practice effective public speaking; Employ active listening skills and positive personal interactions with citizens; Practice conducting interviews, providing oral witness testimony in criminal prosecutions, and managing media relations and communications.
ACJL 350 Conflict Management and Communication (3 Credit Hours)
Study of challenges confronting police and correctional personnel in conflict situations arising from order maintenance and other forms of social control; the role of systemic social problems such as mental illness, family violence, and substance abuse in conflict situations; strategies and best practices for violence avoidance and de-escalation. Restricted to Applied Criminal Justice Leadership majors only.
Outcomes:
Discuss the challenges confronting police and correctional personnel in conflict situations arising from order maintenance, arrests, supervision of offenders, and other forms of social control; Describe the role of systemic social problems, mental illness, family violence, elder abuse and neglect, and substance and alcohol abuse in conflict situations; Identify strategies and best practices for violence avoidance and de-escalation; Apply theories of how conflict happens; Practice the essential skills of effective listening, negotiating, mediating, and leading others to resolve conflicts

ACJL 360 Cyber-Crime Detection and Investigation (3 Credit Hours)
Reviews computer-based criminal activities and criminal investigative methods used for investigation, apprehension, and prevention; includes hacking, identity theft, bitcoins, stalking, human trafficking, and other forms of computer fraud and crime; reviews digital security methods, cell phone tracking, social media, and other means of investigating such crimes. Restricted to Applied Criminal Justice Leadership majors only.
Outcomes:
Describe contemporary, computer-based criminal activities, including hacking, identity theft, bitcoins, stalking, human trafficking, and other forms of computer fraud and crime; Identify modern criminal investigative methods used for investigation, apprehension, and prevention; Evaluate digital security methods, cell phone tracking, social media, and other means of investigating such crimes

ACJL 370 Crime Analysis (3 Credit Hours)
This course provides an overview of the analytical methods used by criminal justice agencies including crime analysis, mapping, and program evaluation. The class will focus on best practices and the application of current technology. Restricted to Applied Criminal Justice Leadership majors only.
Outcomes:
Discuss issues in crime analysis and crime mapping; Critique current practices; Identify technologies used in crime analysis; Describe the techniques of crime analysis and crime mapping and how they are practiced in everyday policing; Apply social science research methods and data analysis to crime analysis

ACJL 380 Investigation Management (3 Credit Hours)
A review of best practices in the management of investigative personnel, resources, and strategies in major and routine criminal investigation including proactive and reactive tactics for crimes against property, persons, vice, and narcotics. Traditional versus intelligence-led policing, COMPSTAT, and state versus federal investigations are also covered. Restricted to Applied Criminal Justice Leadership majors only.
Outcomes:
Describe best practices in management of investigatory personnel, resources, and strategies in major and routine criminal investigation; Assess proactive and reactive tactics for crimes against property, persons, and vice and narcotics, traditional versus intelligence-led policing, COMPSTAT, and state versus federal investigations; Research and analyze the academic literature associated with managing criminal investigations; Critically assess the practices used to manage criminal investigations

ACJL 385 Advanced Criminal Procedure (3 Credit Hours)
This course reviews basic 4th Amendment search and seizure law, including exceptions to the general warrant requirement, and exceptions to the exclusionary rule. It proceeds to study individual and agency liability for excessive force by law enforcement and correctional officers, unauthorized eavesdropping, digital information gathering, and related topics. Restricted to Applied Criminal Justice Leadership majors only.
Outcomes:
Define the legal principles governing law enforcement emanating from the 4th, 5th, and 6th Amendments to the Constitution of the US; Describe the manner in which those principles have been derived from both the text and the interpretations of those constitutional amendments; Practice the language of criminal law practitioners and others in the courthouse "workgroup"; Identify legal issues arising from law enforcement criminal investigations and methods in different factual circumstances; Apply constitutional law principles for the resolution of criminal procedure issues

ACJL 395 Special Topics in Criminal Justice Leadership (3 Credit Hours)
This course focuses on different relevant, special topics in criminal justice. These include criminal profiling, terrorism, private security, new constitutional developments in search and seizure law, gang intelligence, militarization of police, and other timely topics. Restricted to Applied Criminal Justice Leadership majors only.
Outcomes:
Students will learn about a specific, timely topic critical to contemporary criminal justice functions

Continuing Professional Studies (CPST)

CPST 165 Special Topics (1-3 Credit Hours)
Course titles and content vary from term to term. Permission is required to enroll.

CPST 195 Special Topics in Management (3 Credit Hours)
Introductory course focusing on specialized areas in management leadership.
Outcomes:
The student will become familiar with the practices of the specific discipline under each subheading, as well as the technical and theoretical means to accomplish the goals of each topic

CPST 200 Introduction to Degree Completion (3 Credit Hours)
Enrollment is restricted to SCPS degree students only. CPST 200 exists to give newly admitted adult students a chance to ease themselves back into the academic environment while highlighting all of the tools and services available through the university. Improved academic writing through use of multiple drafts.
Outcomes:
Exposure to/familiarity with LUC resources
CPST 201 Civic Identity and Development (3 Credit Hours)
Pre-requisites: CPST 200; Co-requisite: UCWR 110 Enrollment is restricted to students in the School of Continuing and Professional Studies. In this course, students will examine their interconnected identities as engaged professionals in their communities using a variety of frameworks. They will learn to leverage the assets of their communities to enact positive change while also leveraging their own assets to grow as individuals. This course will also prepare students for the design and execution of the SCPS portfolio and capstone project later on in their academic program. Outcome: Students will develop civic awareness through examination of their identities and meaningful engagement with their communities.

CPST 205 Prior Learning Assessment Portfolio (1 Credit Hour)
In the course, students will learn to develop a PLA Portfolio and document their prior learning by reflecting on relevant prior experiential learning and identifying college level learning outcomes.

Outcomes:
Submission of draft portfolio with resume, autobiographical essay, proposed learning essays, and at least one completed section that demonstrates learning and evidence of relevant professional and/or personal experience

CPST 210 Introduction to Leadership Studies (3 Credit Hours)
This course begins the Leadership certificate program and the Bachelor of Arts in Leadership. This course consists of the SCPS Assessment Center experience, a 2-day leadership assessment. At the conclusion of the Assessment Center experience, students will receive an assessment of the skills and knowledge in each of six domains. These are Problem Solving and Decision Making, Organizing and Planning, Relationship Building, Influence, Communications, and Intra-personal Leadership. These are equated to the 6 courses in the Leadership certificate/major. A credit award toward the course satisfied will be posted to the student’s transcript. The student will then enroll in the remaining courses and will have one year from first enrollment to complete the remaining courses. Students in CPST 210 will subsequently meet with the advisor and develop a plan for completion of the certificate/major. Students who complete the SCPS Assessment Center and develop their plan for completion of the certificate or major will have successfully completed the course. Restricted to students in SCPS

CPST 215 Individual Finance & Planning (3 Credit Hours)
This course focuses on the methods, features and techniques for personal financial planning. Tools applicable for financial decision-making, such as marginal analysis, opportunity cost, and the balancing or risk and return will be covered in this class. The course will also discuss the aspects of such topics as budgeting, credit cards, insurance 401k-investments and portfolio investments. The course will concentrate on personal finance topics with an emphasis on planning (budgeting, tax and insurance coverage), financing large asset purchases, money management, investing strategies and retirement planning. Restricted to students in the School of Continuing & Professional Studies. At the end of the course the student will be able to 1. Develop a financial plan and create personal financial statements 2. Evaluate present/future value of a dollar/annuity 3. Describe components of interest rates 4. Identify risks associated with money market investments and identity theft tactics 5. Manage credit scores and financing options for personal loans (car/house) 6. Protect wealth with insurance (auto, home, medical, life) 7. Assess common types of investments, risk and rate of return 8. Analyze a stock, bond value, diversification, retirement plans and social security 9. Utilize different financial tools such as budgeting, managing liquidity, personal loans, insurance, and investing fundamentals (stocks, bonds, mutual funds, asset allocation and retirement planning).

CPST 242 Design for the Web (3 Credit Hours)
This course prepares students to develop webpages through a study of Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), Usability principles and Design principles. This course will teach students to plan, design, and construct webpages to work properly in modern web browsers, conforming to web standards while following best practices. Students will be able to: identify graphic design principles that relate to web design, develop webpages with HTML; style webpages with CSS; design and implement wireframes and mockups for websites.

CPST 243 Microeconomics (3 Credit Hours)
Restricted to students in the School of Continuing & Professional Studies. Introduction to economic analysis of the smaller components of the economy, household, firm and industry. Topics include economic, socio-economic, and political economic issues; includes a focus on behavioral economics; and provides students with an opportunity to analyze real world economic and public policy decisions that have been influenced by non-economic factors included within its field. Explain the law of supply and demand 2. Distinguish characteristics of different market structures 3. Analyze how consumers maximize utility 4. Apply behavioral theory to economic decision-making 5. Analyze real world microeconomic decisions 6. Research a topic and present recommendations
Knowledge Area: Tier 2 Societal Knowledge
Course equivalencies: ECON201/201H/ACECO201/CPST243
Outcomes: 1

CPST 245 Macroeconomics (3 Credit Hours)
Restricted to students in the School of Continuing & Professional Studies. Introduces economic analysis that studies system wide phenomena including inflation, economic growth and development and unemployment. Includes a focus on behavioral economics, and provides students with an opportunity to analyze real world economic and public policy decisions that have been influenced by non-economic factors included within its field. Explain the law of supply and demand 2. Describe the nature of macroeconomic issues and problems 3. Articulate the objectives of monetary and fiscal policies and the function of the two principal policy makers 4. Analyze historical macroeconomic crises 5. Discuss basic macroeconomic goals such as GDP, CPI and unemployment 6. Assess public policy decisions from a behavioral economic perspective
Knowledge Area: Tier 2 Societal Knowledge
Course equivalencies: ECON202/ECON202H/ACECO202/CPST245
Outcomes: 1

CPST 247 Computer Concepts and Applications (3 Credit Hours)
An introduction to computer and internet resources and skills with an emphasis on effective use of technology in the work place. Students will learn to identify and provide recommendations for technology-based issues in business using industry standard language, identify changes in information technologies and assess the impact on business and society. Restricted to students in the School of Continuing and Professional Studies. Outcomes:
Understand the purpose and composition of information systems in business, and receive hands on experience developing business applications with tools such as Microsoft Office, social media, basic website construction
CPST 248 User Experience Design Fundamentals (3 Credit Hours)
Students are introduced to UX research and learn techniques of how to effectively evaluate and compare designs objectively. Students will be able to read and draw actionable conclusions from UX studies. Students will understand the UX Design process, including the use of personas, task models, and user journey mapping. Students will be able to: evaluate UX Design using objective metrics; conduct UX studies to derive actionable conclusions from UX Research; Understand personas, task models, and user journey mapping.

CPST 249 User Experience Design Tools and Techniques (3 Credit Hours)
Pre-requisites: CPST 248 with C- or better Students will be able to: apply the UX Prototyping process and UX Design Tools; apply the UX Design process, including the use of personas, task models, and user journey mapping
The course focuses on user and task analysis (goal setting and problem framing), field research (interviews, personas, planning, etc.), usability testing, the UX process (from wireframes through user journey mapping). These topics are explored through Design assignments that utilize the complete UX Design process.

CPST 250 Foundations of Organizations (3 Credit Hours)
Pre-requisites: CPST courses are restricted to students in the School of Continuing and Professional Studies An introduction to contemporary management with emphasis on organizational culture, decision making, organizational structure and design, planning, communication and information technology
Outcome: Students will demonstrate an understanding of the managerial roles in organizations, the four levels at which behavior is examined in organizations and will develop a framework for basic business operations.
Course equivalencies: MGMT201/201H/301/CPST250/ACMGT

CPST 265 Special Topics (1-3 Credit Hours)
Course titles and content will vary from term to term. Permission is required to enroll.

CPST 270 Effective Boards and Plans (3 Credit Hours)
Students will cultivate strategic planning with governing bodies by applying leadership principles to broad-based organizational structures, diverse constituents and situations. Course content to include: Leadership and Governing Board Responsibilities, Board Membership and Policy Development, and Planning and Program Development (Writing the Strategic Plan)
Outcomes:
Apply leadership styles to mission-based functions; Discuss relationship between board membership, church leadership, staff, and volunteers; Apply strategic methods for organizational policy and responsibility building

CPST 272 Building a Volunteer and Support Base (3 Credit Hours)
Students will examine proven practices which sustain volunteer commitments, membership, support bases and stakeholders using effective human resource practices and internal communications.
Students will assess high impact practices in broad-based organizations.
Course content includes: Volunteer and Support Management, Servant Leadership and Motivation Theories, and Internal Communications.
Outcomes:
Recognize the needs of service volunteers; Identify best practices in human resource development relevant to broad-based organizational structures; Develop effective internal communication skills

CPST 273 Building and Leading an Effective Workforce (3 Credit Hours)
Restricted to students in the School of Continuing & Professional Studies Coordinating operational aspects, overseeing employee functions, and directing marketing efforts are components within this survey of leadership skills. Course content to include: Hiring effectively, Developing talent, Supervising the workforce, Maximizing resources Define and implement the various stages of the hiring process. Identify leadership styles and attributes relevant to small group effectiveness. Coordinate systems and resources in a broad-based organization.

CPST 274 Advocacy and Program Promotion (3 Credit Hours)
Sustaining success through keeping stakeholders informed: planned marketing and communication strategies; application of models that promote mission, program and impact. Course content includes: Marketing strategies, External Communications and Social Media, and Community Engagement Practices
Outcomes:
Explain marketing functions explicit to fund development and program support; Apply social media practices to mission-based projects and organizational awareness; Present effective marketing information

CPST 275 Successful Small Business Ventures (3 Credit Hours)
Restricted to students in the School of Continuing & Professional Studies Business development through case studies and best practices in successful small businesses, incorporating risk assessment and management. Dynamic roles and challenges of small businesses in today's competitive global marketplace. Survey of financial relationships in small business development. Identify and discuss the role of small business in U.S. economic development. Analyze components of successful small business development and management. Discuss the impact and changing potentials of small business at the local and the global level.

CPST 276 Introductory Finance and Budgetary Best Practices (3 Credit Hours)
This course prepares students to analyze and to present financial records. Oriented to the financial record-keeping requirements of a broad-based organization, this course prepares students to analyze basic budget and cash flow functions and projections. Course content includes: Basic accounting practices, program cost allocation, financial reporting, and budget analysis.
Outcomes:
Present and explain financial information and functions relevant to the daily operations of a broad-based organization; Budget for and evaluate program-based expenditures; Prepare and manage financial records

CPST 277 Writing the Business Proposal (3 Credit Hours)
Restricted to students in the School of Continuing & Professional Studies Students will develop their own business proposal, incorporating their vision as the proposal's foundation. The proposal will include business description, product or service, organization, market analysis, marketing strategies, financial plan and projections. Course content includes: - Technical Writing - Small Business Research Streams and Techniques - Integration of Small Business functions in proposal design - Presentation (graphic and oral) Techniques Create a document that reflects the needed components within the business proposal. Present a comprehensive business proposal with real-life application.
Outcomes:
Develop a viable start-up plan for a desired small business
CPST 278 Fundraising and Financial Sustainability (3 Credit Hours)
The course introduces students to the role of philanthropy, power of relationships, and key fundraising principles. Course content includes: Grant Writing Principles, Fundraising Principles, Financial and Program Accountability in Philanthropy, Differentiated gift-giving applications
Outcomes:
- Identify best practices in sustaining donors and core memberships;
- Explain effective relationship-building practices;
- Describe the process of generating grant proposals and securing grant awards

CPST 279 Tactical Communications for Small Businesses (3 Credit Hours)
Restricted to students in the School of Continuing & Professional Studies. This course focuses on emerging contemporary communications formats as they build upon marketing knowledge and communication skills. Networking skills, promotional writing, and sales strategies are integrated into written and oral constructs. Course content includes:
- Strategic marketing - Networking best practices and formats - Social media applications - Presentation skills Implement best practices in strategic communications relevant to small business and organizational promotion and sustainability. Develop networking and social media skills in promoting product and services within appropriate industry and marketplace.

CPST 280 Mission and Organizational Development & Assessment (3 Credit Hours)
This course focuses on organizational mission as it is projected in its programs and projects; measurement methods in determining program and performance success; the value of transparency in using internal and external resources. Course content includes:
- Assessing goals, Program and performance accountability. Transparency as a best practice
Students will:
- Develop goal-setting skills relevant to organizational effectiveness;
- Describe performance measurement processes relevant to mission/impact;
- Apply transparency practices in the use of contributed resources.

CPST 290 World Geography (3 Credit Hours)
Restricted to current SCPS BA students. This course introduces the four main themes of the study of geography: physical, cultural, economic, and historical. Using two basic approaches for the discipline: regional and spatial, this course studies not only geographic locations, but also provides an overview of modern globalization and the human impact on the geographical world.
Outcomes:
- Geographical knowledge of different continents, awareness of social-political trends globally

CPST 291 Dynamic Programming Languages (3 Credit Hours)
Restricted to students in the School of Continuing & Professional Studies. Introduction to programming in dynamically typed languages, sometimes known as scripting languages. The primary language example will be Python; the course will cover Python data types, control structures, function definitions, objects and lambda expressions. A second language may be Ruby, PHP, Scheme or a similar language. The course will also briefly address how Javascript fits into the category of dynamic languages. - Familiarity with the software-development process, and how software can be organized using classes and functions. - Familiarity with the advantages and disadvantages of dynamic languages, versus static typing. - Ability to compare Python to some other dynamic language, such as Ruby or PHP. - Ability to create a dynamic web page using Python or some other language
Outcomes:
- Ability to write short programs in Python, using loops, lists and dictionaries
- Ability to create graphical effects using Python

CPST 295 The Internship Experience (3 Credit Hours)
This course provides an opportunity to broaden work and experiential base through immersion within a selected organization. Students spend approximately 8 hours a week interning with their chosen company, institution, nonprofit, small business or other professional setting. Optional to extend the internship a second term. Enrollment is restricted to SCPS degree seeking students; Minimum 2.5 GPA is required. Pre-requisite: CPST 200 and CPST 201 (minimum grade of C+)
Outcomes:
- To gain real-world professional experience within a targeted work environment;
- To apply skills and knowledge within context of selected environment;
- To develop networking opportunities within new professional workplace

CPST 310 Accounting Principles and Application (3 Credit Hours)
CPST courses are restricted to students in the School of Continuing and Professional Studies. This course introduces major concepts in the areas of financial and managerial accounting and develops understanding of accounting process and principles. Students will gain a deeper understanding of financial statements, accounting mechanics, accrual accounting, financial planning, variance analysis, internal controls and financial and financial analysis. The students will complete a final course project that demonstrates their ability to manage the financial data of a fictional organization.
Course equivalencies: ACCT201/201H/CPST310/ACACT201
Outcomes:
- Students will gain a deeper understanding of financial statements, accounting mechanics, accrual accounting, financial planning, variance analysis, internal controls and financial and financial analysis
CPST 314 Problem Solving and Decision Making in Leadership (3 Credit Hours)

Pre-requisites: CPST 210; Restricted to Leadership majors only At the end of this course, the student will be able to 1 Problem solving and decision making call on critical thinking skills. Using decision making formats, whether in teams or individually, provides a roadmap to strategic, ethical, and well-analyzed decisions, in both usual and crisis situations. Through a systematic approach which involves root-cause analysis, creative thinking and risk analysis, problems are delineated, information is gathered, ethical ramifications are analyzed, alternative actions are evaluated, and follow-through is planned. Apply techniques of logic and problem analysis to organizational situations. 3. Review standards of ethics and quality control for decision-making. 4. Develop implementation techniques and methods of follow-through.

CPST 315 Professional Technical Writing (3 Credit Hours)

Pre-requisites: UCWR 110; Restricted to students in the School of Continuing and Professional Studies

Technical Writing prepares students to design effective technical documents for both written and digital media, with particular emphasis upon technical memos, problem-solving and decision-making reports, and organizational, product-support, and technical-information webs. Outcomes: Students able to write standard prose with appropriate citations, use a range of current online platforms and technology

CPST 320 Program Evaluation (3 Credit Hours)

Enrollment is restricted to students in the School of Continuing and Professional Studies Conceptual frameworks and methods related to program evaluation will be covered including process, developmental, outcome, and impact evaluation. Students will be exposed to best practices to measure and document change on the individual, organizational, and macro level including the use of logic models. Quantitative, qualitative, and mixed methods design will be presented. Students will be exposed to analytical tools to interpret qualitative and quantitative data. The use of Big Data will be explored including the implications for behavioral change. Ethical issues in real world evaluation will be addressed. Course Objectives 1. Describe the main conceptual frameworks used in program evaluation including process(formative), developmental, outcome and impact. 2. Compare and contrast quantitative, qualitative, and mixed methods design for program evaluation. 3. Evaluate best practices in relation to the measurement and documentation of change (individual, organizational, and macro-level). 4. Develop process and outcome objectives and logic models. 5. Interpret data including Big Data to make judgements about the efficacy of program activities and intervention. 6. Describe ethical dilemmas with real world research.

CPST 322 Strategic Communication Tools for Applied Psych (3 Credit Hours)

Communication tools commonly employed in the behavioral sciences will be covered: interview development and implementation; best practices for conflict management, negotiation, consultation and persuasion; group facilitation best practices; change facilitation communication techniques including motivational interviewing; the impact of computer mediated communication on interpersonal dynamics; and cultural norms and interpersonal communication. Students interested in counseling and other helping professions, Human Resources, organizational development and the persuasion sciences will benefit from these tools. Enrollment is restricted to students in the School of Continuing and Professional Studies. Course Objectives 1. Identify best practices for core communication tools used in applied psychology (and behavioral sciences). 2. Develop skills in interview development and implementation, group facilitation, and motivational interviewing. 3. Evaluate techniques for conflict management, negotiation, consultation and persuasion. 4. Critique the impact of computer mediated communication of interpersonal dynamics. 5. Describe culturally agile communication techniques.

CPST 324 Organizing and Planning Techniques for Leaders (3 Credit Hours)

Pre-requisites: CPST 210; Restricted to Leadership majors only At the end of this course, the student will be able to 1 This course provides the framework for setting and maintaining priorities and setting efficiencies throughout the organization, balancing priorities and time, and establishing team and individual roles. Integration of ethical practices is reviewed within the processes of organizing and planning high performance functions. Identify best practices for large and small group project organizing and planning. 2. Develop techniques for prioritizing competing priorities and individual work responsibilities. 3. Establish methods for building tactical and operational plans. 4. Differentiate team roles and individual roles and required organizational structures.

CPST 325 Data Processing, Analysis, and Visualization (3 Credit Hours)

Pre-requisites: STAT 103; CPST 291 with C- or better; Restricted to students enrolled in the School of Continuing and Professional Studies. This course studies the concepts, methods, and tools required to infer meaningful information and generate useful visualizations from large data sets. Visualize and analyze structured data using appropriate statistical data mining and visualization tools. Analyze distributed computing frameworks for processing large data sets. Outcomes: Implement scripting to convert raw data to structured data

CPST 334 Relationship Building for Organizational Leaders (3 Credit Hours)

Pre-requisites: CPST 210; Restricted to Leadership majors only At the end of this course, the student will be able to 1 Relationship building calls on the critical skill set of emotional intelligence. This course develops the framework for productive leader-follower relationships. Reflecting on intra-personal leadership skill and building on inter-personal leadership capabilities is of primary focus. Personal assessment and active assignments provide opportunity to develop the important ability to perceive needs of followers in order to ethically motivate towards accomplishment of organizational goals. Identify and apply skills of emotional intelligence. 2. Develop best practices for building trust and motivation within teams. 3. Recognize the importance of internal as well as external networking. 4. Differentiate between formal and informal communication approaches.
CPST 335 Law and Regulations for Organizational Leaders (3 Credit Hours)
The role of the organization (for profit, non-profit and governmental) from the dual perspective of private and public law. Includes foundations of law and judicial process; contracts, torts, and property law; intellectual property rights; legal, securities and employment regulations; ethical considerations and policy issues.

Outcomes:
- Differentiate ethics and law/private and public law - Discuss Constitutional Law and government’s role to regulate business - Apply basic legal principles to the private market - Explain legal principles of contracts

CPST 340 Marketing Concepts and Strategies (3 Credit Hours)
Prerequisites: CPST 250; Restricted to SCPS Outcome: Students will develop a comprehensive marketing plan analyzing a real marketing problem, determining strategies, developing sample materials and devising metrics to evaluate success for an organization. Students will demonstrate an understanding of the fundamental principles of marketing identifying organizational goals, marketing objectives, and variables that affect marketing. Students will examine the roles of advertising, public relations, and sales; integrated and strategic marketing within an organization.

Course equivalencies: MARK201/201H/301/CPST340

CPST 341 User Experience Design to Drive Business (3 Credit Hours)
Prerequisites: CPST 249 with C- or better Students will be able to: Understand how effective UX is a strategic advantage for business; Connect and align business objectives with UX Design goals; Apply Design Thinking to create good UX. In this course students will learn how to connect and align business objectives with UX Design goals. Students will learn how to bring high-level planning into concrete actionable steps. Students learn Strategy for continuously Developing Brand and Identity through Design.

CPST 342 Introduction to Web Application Development (3 Credit Hours)
This course studies the concepts, methods, and tools used in the analysis, design, implementation, testing, and deployment of typical multi-tier web applications. Specific topics include presentations, business, and data access layers, as well as integration with database systems. An introduction to webpage development using JavaScript, jQuery and associated client-side tools. Familiarity with database integration and deployment environments. Create webpages using JavaScript and related tools and protocols, and interface a webpage with a database.

Course equivalencies: X DIGH403/CPST342/COMP342

Outcomes: 
Experience with commonly used web application development frameworks

CPST 343 Software Development for Mobile Devices (3 Credit Hours)
This course introduces software development for the Android environment, using the App Inventor framework. The course also introduces the basics of user-interface design and mobile architecture. Development work may be done on either an Android device or on an Android emulator running on a Windows/Mac/Linux laptop. Prerequisite: COMP 170 with C- or better; Restricted to students enrolled in the School of Continuing and Professional Studies. Be able to explain the basics of mobile-application architecture and design. Be familiar with the basics of user-interface design. Understand the role of mobile-device sensors, such as the touchscreen, the accelerometer and GPS. Understand the use of Wi-Fi versus mobile wireless, and the use of the cloud in mobile applications. Be able to work with developers to create applications.

Outcomes:
Be able to develop simple Android applications using the App Inventor framework

CPST 344 Influence and Leadership (3 Credit Hours)
Prerequisites: CPST 210; Restricted to Leadership majors Only At the end of this course, the student will be able to: Influence allows leaders to motivate follower movement towards organizational goals. This course establishes methods for leveraging expertise, communicating skillfully, and functioning with integrity. It integrates general management skills with the motivation to assume responsibility over others and create a positive and ethical organizational climate. Differentiate between the roles of leaders and managers, and various sources of power. 2. Identify ethical influencing principles that guide teams toward accomplishment of goals. 3. Develop a plan for leadership identity and ethical application of personal influence. 4. Recognize best practices for influencing others in situations of crisis.

CPST 345 Introduction to IT: Networking, Cloud & Security (3 Credit Hours)
Prerequisites: COMP 170 with C- or better; Restricted to students enrolled in the School of Continuing and Professional Studies. This course covers the fundamentals of IT systems, networking, and security. The course will cover fundamental computer networking concepts and principles, including the basics of the TCP/IP model and packet-based networking. Other topics include an overview of Wireless Networking, Cloud Computing, and an introduction to Cybersecurity.

Course equivalencies: CPST 345 / ITLS 445

Outcomes:
Students will be able to: Describe how the Internet works; Make connections between devices Assess how data is transferred end to end; Perform basic Cloud Computing implementation and deployment; Describe essential features of Mobile Computing; and, identify and assess Cybersecurity threats and describe solutions to those threats

CPST 349 Project Management (3 Credit Hours)
The art and science of project management as applied to a variety of business, commercial, and public management situations. Covers all phases of the project life-cycle; techniques for planning, scheduling and control of projects; project organizations; and techniques for building effective project teams. Prerequisite CPST 250; Restricted to students in the School of Continuing and Professional Studies. Student will gain a working knowledge of the fundamental principles and techniques of effective project management, and how to apply these principles and techniques in the business environment.
CPST 350 Human Resources Principles & Practices (3 Credit Hours)
Pre-requisites: CPST 250; Students must be enrolled in the School of Continuing and Professional Studies.
Outcome: Students will make a presentation about human resource components for an organization including job description, recruiting plan, hiring procedures, performance evaluation and collective bargaining considerations. Students will gain understanding human of resource management functions including the legal environment, equal employment opportunities requirements; job design and analysis; recruiting, orientation and training; performance appraisal; compensation systems; labor relations; collective bargaining and grievance processes; and health and safety.
Course equivalencies: MGMT322/HRER322/CPST350

CPST 354 Communications for Organizational Leaders (3 Credit Hours)
Pre-requisites: CPST 210; Restricted to Leadership majors only At the end of this course, the student will be able to 1 Communicating clearly and persuasively is at the core of this topic. Individuals can leverage their unique leadership style to effectively communicate and inspire action. By developing practices for formal as well as informal communication, students learn to manage frequency, volume and medium chosen in order to construct messages that reach various audiences. Practicing clear and effective oral communication is established through multiple exercises in this course. Identify leadership style and use for connecting in verbal presentations. 2. Develop the ability to communicate simply and effectively through written communication. 3. Recognize the importance of ethical communication and technology.

CPST 355 Introduction to Global Trade Compliance (3 Credit Hours)
Pre-requisites: CPST 243 or ECON 201, CPST 245 or ECON 202, STAT 103 or ISOM 241, CPST 310 or ACCT 201 At the end of the course, the student will be able to 1 Understanding the principles of global trade compliance helps personnel in compliance and other key functional areas (e.g., accounting, logistics, talent, purchasing, R&D) understand the opportunities and risks associated with international trade. Topics include key principles of import and export compliance, the government’s role in the regulatory framework, and common risk areas that impact business activities. Restricted to students in the School of Continuing & Professional Studies. Identify the basic regulatory framework for import compliance (e.g., customs valuation, tariff classification and country of origin) 2. Identify the basic regulatory framework for export compliance 3. Explain and understand the role of voluntary cargo security programs (e.g., Customs-Trade Partnership Against Terrorism) 4. Identify and analyze actual import/export compliance risk areas (e.g., free trade agreements and associated eligibility issues) 5. Create and implement a team project that identifies a compliance risk area and presents a cross-functional response to the regulatory risk.

CPST 356 Environmental Economics & Resource Management (3 Credit Hours)
Pre-requisites: CPST 243 or ECON 201, CPST 245 or ECON 202, STAT 103 or ISOM 241, CPST 310 or ACCT 201 By the end of the course, the student will be able to 1 The purpose of this course is to help students understand the role of economics in analyzing natural resource management and the role of economics in the development of environmental policy. An understanding economic models of efficiency is integral to any discussion of innovative ways to approach our natural resource constraints in the 21st century and beyond. The focus of the course will be on energy, energy efficiency and renewable energy sources, and the cost of pollution and climate change. The renewed interest in innovative technologies that reduce emissions, waste and improve bottom lines provides a new impetus for investment in renewables and new technologies. The second part of the course will be devoted to highlighting opportunities for companies, citizens and entrepreneurs to create jobs and improve communities. By the end of the course, it is hoped that students will find that as citizens, entrepreneurs or corporate executives, they can do well financially by doing good environmentally. Restricted to students in the School of Continuing & Professional Studies. Apply supply and demand models to natural resource management 2. Evaluate the role of economics in the development of environmental policy 3. Identify methods used in the economic valuation of the environment 4. Discuss the transition from depletable to renewable energy resources 5. Connect sustainable environmental practices with economic growth

CPST 360 Development and Change in Organizations (3 Credit Hours)
Pre-requisites: CPST 250 Students will investigate the theory and practice of organizational development, examine assumptions, strategies, models, intervention techniques for organizational development and change processes.
Outcome: Students will provide case studies that integrate data; design interventions, change strategies and an evaluation for diagnosing organizations, groups and jobs.

CPST 364 Intra-personal Leadership (3 Credit Hours)
Pre-requisites: CPST 210; Restricted to Leadership majors only At the end of this course, the student will be able to 1 Intra-personal leadership principles highlight the drive, energy and motivation one has toward leading effectively. Exploring what it means to bring positive organizational energy to the leadership role in a way that ethically supports organizational mission is at the foundation of this course. Effectively leading through complexity begins at the individual level and requires the ability to develop, motivate, and support the accomplishment of others. Examine personal goals for growth, challenge, achievement, and success 2. Develop requirements for fulfilling relationships and balancing work and life. 3. Establish personal parameters and professional practices for ethical leadership. 4. Develop methods for supporting goals and accomplishments of individuals and teams.

CPST 365 Advanced Special Topics (1-3 Credit Hours)
Course titles and content vary. Variable (1-3) credit hours. Permission required to enroll. Restricted to students in the School of Continuing & Professional Studies. SCPS permission required to enroll.
CPST 370 Leadership Theories and Applications (3 Credit Hours)
Pre-requisites: CPST 250

Students will study leadership theory, concepts and the practical application of leadership at all levels. Students will analyze historical approaches to leadership and focus on influential contemporary leadership perspectives such as servant leadership, situational leadership, transformational leadership, and principle-centered leadership.

Outcome: Students will complete a leadership development plan and apply leadership theories to workplace situations through reflection, real-life examples, and case studies.

CPST 371 Organizational Finance (3 Credit Hours)
Pre-requisites: Restricted to students in the School of Continuing & Professional Studies

Management involves the allocation and distribution of resources as well as an ongoing knowledge of the financial impact of the local, regional and national economies. This course offers an overview of the inter-relationships of money and markets, investment, and financial management. It will focus on financial analysis, design and reporting from a managerial perspective, as well as organizational issues which have a financial impact on the entity. It will concentrate on organizational finance topics with an emphasis on financial analysis, fixed income securities, stocks, projects and their valuations, corporate valuation and governance and cash distribution.

Prerequisites: CPST 243 or ECON 201, CPST 245 or ECON 202, STAT 103 or ISOM 241, CPST 310 or ACCT 201

Outcomes: At the end of this course, the student will be able to:
1. Read, develop and write financial analyses for managerial roles
2. Develop concrete skills in financial analysis, design and reporting from a managerial perspective
3. Apply the changes in interest rates
4. Evaluate risk and return, valuation of stocks
5. Describe the market for equity securities and the types of equity securities available for investment; stock market transactions, trading, and securities regulations
6. Identify various non-bank financial intermediaries, including thrifts, credit unions, finance companies and mutual funds
7. Describe how local, regional and national economies impact the success of the allocation of financial resources.

Course equivalencies: FINC332/FINC 334/CPST271

CPST 372 Banking & Financial Intermediaries (3 Credit Hours)
Pre-requisites: CPST 243 or ECON 201, CPST 245 or ECON 202, STAT 103 or ISOM 241, CPST 310 or ACCT 201

At the end of this course, the student will be able to:
1. Read, develop and write financial analyses for managerial roles
2. Develop concrete skills in financial analysis, design and reporting from a managerial perspective
3. Explain the function and structure of the Federal Reserve System, as well as the role played by the various institutions comprising those markets
4. Analyze the nature and function of commercial banking including the sources and uses of funds by banking operations, the regulatory environment in which commercial banks operate, and the management of banking assets to achieve desired management strategies
5. Discuss the interrelationships among commercial banks and other financial intermediaries
6. Identify various non-bank financial intermediaries, including thrifts, credit unions, finance companies and mutual funds
7. Recognize the market and institutional forces that contribute to the determination of short and long-term interest rates
8. Examine the role that pension and insurance funds play in providing liquidity and security to consumers and businesses

Outcomes:
At the end of this course, the student will be able to:
1. Read, develop and write financial analyses for managerial roles
2. Develop concrete skills in financial analysis, design and reporting from a managerial perspective
3. Apply the changes in interest rates
4. Evaluate risk and return, valuation of stocks
5. Describe the market for equity securities and the types of equity securities available for investment; stock market transactions, trading, and securities regulations
6. Identify various non-bank financial intermediaries, including thrifts, credit unions, finance companies and mutual funds
7. Describe how local, regional and national economies impact the success of the allocation of financial resources.

Course equivalencies: FINC332/FINC 334/CPST271

CPST 373 Capital Markets (3 Credit Hours)
Pre-requisites: CPST 243 or ECON 201, CPST 245 or ECON 202, STAT 103 or ISOM 241, CPST 310 or ACCT 201

This course is designed to provide the student with a knowledge of capital markets, banking, and measures of money supply. The course will include an overview of financial markets and interest rates; the functions and structure of the Federal Reserve System; the role of debt securities markets; the role played by equity securities markets; the nature and function of derivative markets. As a result of taking this course, students will understand the role played by capital markets, the Federal Reserve system, debt, equity and derivative markets as well as the inter-relationships between financial institutions and capital markets.

Prerequisites: Restricted to students in the School of Continuing & Professional Studies

Outcome:
At the end of this course, the student will be able to:
1. Read, develop and write financial analyses for managerial roles
2. Develop concrete skills in financial analysis, design and reporting from a managerial perspective
3. Explain the function and structure of the Federal Reserve System, as well as the role played by the various institutions comprising those markets
4. Analyze the nature and function of commercial banking including the sources and uses of funds by banking operations, the regulatory environment in which commercial banks operate, and the management of banking assets to achieve desired management strategies
5. Discuss the interrelationships among commercial banks and other financial intermediaries
6. Identify various non-bank financial intermediaries, including thrifts, credit unions, finance companies and mutual funds
7. Recognize the market and institutional forces that contribute to the determination of short and long-term interest rates
8. Examine the role that pension and insurance funds play in providing liquidity and security to consumers and businesses

Outcomes:
At the end of this course, the student will be able to:
1. Read, develop and write financial analyses for managerial roles
2. Develop concrete skills in financial analysis, design and reporting from a managerial perspective
3. Apply the changes in interest rates
4. Evaluate risk and return, valuation of stocks
5. Describe the market for equity securities and the types of equity securities available for investment; stock market transactions, trading, and securities regulations
6. Identify various non-bank financial intermediaries, including thrifts, credit unions, finance companies and mutual funds
7. Describe how local, regional and national economies impact the success of the allocation of financial resources.

Course equivalencies: FINC332/FINC 334/CPST271
CPST 380 Leadership, Culture and Ethics (3 Credit Hours)
Pre-requisites: CPST 250
Students examine organizational ethics, values, strategy, culture, leadership and coaching. Students self-assess and refine their own concept of leadership and decision-making in the context of attitudes, environments, cultures, and issues faced by leaders in organizations. Outcome: Students will analyze descriptive and normative models of ethical decision making in business, leadership strengths and management style using real life situations, self-assessment and cases studies.

CPST 381 Cybersecurity Governance (3 Credit Hours)
Effective Cybersecurity Governance requires that there is a cogent Governance structure. Students in this course will learn how to manage Cybersecurity processes while meeting the needs of the Enterprise. Students will learn how to establish a Governance program, Cybersecurity management frameworks, how to develop and implement a Cybersecurity strategy. Students will be able to: Explain the strategic importance of effective, interdisciplinary, and multifunctional enterprise information security governance and information security management program and its execution.

CPST 382 Cybersecurity Incident Response Management (3 Credit Hours)
Students in this course learn key aspects of Cybersecurity Incident Response Management (CIRM). Students in this course will learn how to plan for, respond to, investigate, and report on Cybersecurity Incidents. Students in this course will learn from case studies of past cyber incidents. Skills developed include the developing of an Incident Response Plan; ethical, best practices on handling communications/disclosures after an incident; incident investigation techniques (forensics); interfacing with law enforcement; and post-incident recovery.

CPST 383 Cloud Security Strategy and Architecture (3 Credit Hours)
This course leverages cloud computing security guidelines set forth by the International Organization for Standardization (ISO), National Institute of Standards and Technology (NIST), European Union Agency for Network and Information Security (ENISA), and Cloud Security Alliance (CSA) to develop a Strategic perspective for the Cybersecurity practitioner. Skills developed include knowing best practices and standards; the ability to design and implement a cloud security architecture; and carefully working with 3rd party cloud infrastructure providers and other stakeholders.

CPST 390 Organizational Theory and Practice (3 Credit Hours)
Pre-requisites: CPST 380
This course extends knowledge of organizations by examining organizational behavior at the macro-level. Students will gain a deeper understanding of organizational theory and research including historical and modern era approaches. Students will also analyze organizational behavior and settings including an in-depth case study of a single company. Outcome: Students will be able to explain and apply concepts within the main areas of organizational structure, culture, communication and process.

CPST 395 Advanced Special Topics in Management (1-3 Credit Hours)
Permission required to enroll.

CPST 397 Capstone (3 Credit Hours)
This course must be taken by SCPS students during the last semester prior to graduation. Students will research a problem, conceptualize solutions and develop a solution as their service-learning project. Within this project, students will synthesize and apply knowledge from prior courses. Course content also includes an analysis of leadership challenges and values-driven leadership. Outcome: Students will chronicle their projects and present a final presentation of their work. They will also present their professional portfolios as a graduation requirement. This course satisfies the Engaged Learning requirement.

CPST 398 Professional Studies Internship Seminar I (2 Credit Hours)
To enroll students must complete the internship forms through the Center for Experiential Learning. The Internship Seminar is a way to earn academic credit for an internship completed while finishing one of the SCPS BA programs. Students taking CPST 398 must take CPST 399 the following session to get complete credit for the internship. This course satisfies the Engaged Learning requirement.

Outcomes:
- Applied experience in a professional setting

CPST 399 Professional Studies Internship Seminar II (2 Credit Hours)
To enroll students must complete the internship forms through the Center for Experiential Learning. The Internship Seminar is a way to earn academic credit for an internship completed while finishing one of the SCPS BA programs. Students taking CPST 399 must first take CPST 398 the previous session to get complete credit for the internship. This course satisfies the Engaged Learning requirement.

Outcomes:
- Applied experience in a professional setting

Exercise Physiology (EXEC)

EXCM 101 Introduction to Exercise Physiology (3 Credit Hours)
Introduction to the major; also includes a lab component covering Emergency Procedures and Safety Skills, introduction to common safety principles, predisposing factors and common causes of accidents, injuries and illnesses.

This course satisfies the Engaged Learning requirement.

EXCM 115 NCCA Personal Training Elective (1 Credit Hour)
This course encompasses an overview of key Exercise Science, training methodology and health behavior change principles. Students will then apply each principle into practice through screening and evaluation, exercise program design, and ethical, legal and professional responsibilities and guidelines. Upon successful completion of the course, the student will be able to: Apply key exercise science, training methodology and health behavior change principles in context to the provision of exercise. Apply the practice of exercise and fitness screening and assessment, health appraisal and risk stratification, while simultaneously integrating ethical considerations and client preferences.

EXCM 117 NCCA Group Fitness (1 Credit Hour)
This course encompasses an overview of group exercise; to include cardiovascular exercise, strength training and stretching. Students will learn how to lead, instruct and motivate individuals or groups in exercise activities.

Outcomes:
- Upon successful completion of the course, the student will be able to:
  - Apply effective, exercise science-based group sessions for different fitness levels;
  - Explain proper technique, demonstrate exercise, and teach appropriate methods to strengthen and stretch certain muscles
EXCM 170 Women's Health and Exercise (1 Credit Hour)
This course presents perspectives on physical activity and exercise science specific to women. It will include the identification of issues during various stages of development in the female body and barriers and benefits of exercise unique to women. Students will apply these perspectives to exercise program design and health care interactions with all clients. 2) Identify preventative strategies (such as exercise prescription and nutrition guidance) that can compensate for health risks, issues, and deficiencies that female clients and patients may experience throughout their life. 3) Explain exercise modifications and varied benefits during specific periods in a woman's life (adolescents, pregnancy, postpartum, menopause).

Outcomes:
1) Understand the unique circumstances and outcomes of working with women in the field of wellness and fitness

EXCM 201 Physiology of Exercise (4 Credit Hours)
The physiological functions of the body and the effect of exercise on these functions. EXCM 101 and Anatomy & Physiology (GNUR 155/155L and GNUR 156/156L)

EXCM 210 Program Design in Exercise (2 Credit Hours)
Pre-requisites: EXCM 201 Outcomes At the successful completion of the course, the student will be able to: 1) This course focuses on the design, implementation and evaluation of exercise programs through case-based application and classroom activities. Health-related components of fitness and fitness assessments are reviewed. Individual and group exercise program designs within community-based settings for individuals through the life cycle are discussed. Evidence-based content is identified to critically analyze and develop conditioning programs and techniques for a broad range of sports and activities. Important elements of program design are used to emphasize desired client program outcomes. Lead designed group exercises and activities which consider individual needs and differences. 2) Apply training principles and program variables to increase strength, endurance, power, or hypertrophy for the identified client or population. 3) Evaluate the designed exercise prescribed over time for an individual and/ or/ special population. 4) Integrate cognate materials necessary to support the full development of physical performance including nutrition, environment, mobility, clothing and equipment. 5) Design individualized exercise programs for individuals and special groups. 6) Adjust exercise programs based on individual performance and safety considerations.

EXCM 301 Advanced Physiology of Exercise (3 Credit Hours)
Pre-requisites: EXCM 201 and Anatomy & Physiology (GNUR 155/155L and GNUR 156/156L)
An advanced course in exercise physiology covering exercise metabolism, temperature regulation and fluid balance.

EXCM 342 Physical Growth, Development and Nutrition (3 Credit Hours)
Pre-requisites: EXCM 101
A survey of the various components involved in personal health and wellness, such as personal fitness, sexuality, mental health, and environmental health as related to the stages of life development.

EXCM 345 Therapeutic Exercise and Rehabilitation (3 Credit Hours)
Pre-requisites: EXCM 101 & 201 and (BIOL 243 or GNUR 156 &156L)
Explanation and demonstration of the use of therapeutic modalities in the healing process. This will include discussion of the use of therapeutic modalities to enhance the rehabilitation process after athletic injury.

EXCM 350 Sports Nutrition (3 Credit Hours)
Pre-requisites: EXCM 201, CHEM 102 & CHEM 112
This course introduces the essentials of human nutrition for health and emphasizes the roles of key nutrients for athletic performance. This foundational material will be applied to athletic performance including adaptation and recommendations for training and competition. Nutrient recommendations will be reviewed for specific types of sports, exercise and other athletic concerns. The metabolic basis for sports nutrition recommendations is examined.

EXCM 352 Musculoskeletal Assessment and Strength Training (4 Credit Hours)
Pre-requisites: EXCM 201 and Anatomy & Physiology (GNUR 155/155L and GNUR 156/156L)
This course will present the general and foundational skills for each component of the injury examination. These general principles will be applied to the recognition and examination of injuries/conditions specific to each body region. Address general medical conditions will likely encounter with patients.

EXCM 354 Intro to Clinical Exercise Testing and Prescription (3 Credit Hours)
Pre-requisites: EXCM 201 and Anatomy & Physiology (GNUR 155/155L and GNUR 156/156L)
This class summarizes recommended procedures, including EKG and other stress testing modalities, for exercise testing and exercise prescription in healthy and diseased individuals.

EXCM 364 Advanced Clinical Testing and Prescriptions (3 Credit Hours)
Pre-requisites: EXCM 201 and Anatomy & Physiology (GNUR 155/155L and GNUR 156/156L)
Outcomes: At the successful completion of the course, the student will be able to: 1) This course focuses on physiological implications of metabolic conditions such as diabetes, cardiac and pulmonary disease on exercise. The course includes modifications to exercise testing and in-depth preparation for exercise prescription based on diseases and special conditions. The course reviews contraindications and considerations for exercise, EKG interpretation and implications of physiological responses to exercise. Behavioral strategies to implement in client exercise planning and education are addressed. Exercise prescription is discussed as part of the ongoing evaluation of client performance. Create patient/client focused exercise programs, with modifications and progressive programming based on physiologic alterations. 2) Understand the effect of exercise on the physiological systems of the body and disease states. 3) Analyze exercise testing data from healthy individuals and individuals with physiological alterations. 4) Evaluate EKG responses to exercise. 5) Implement testing protocols and modifications for individuals with physiological alterations. 6) Understand acute responses and chronic adaptations to exercise and the impact on individuals with physiological adaptations.
EXCM 375 Special Populations in Exercise Science (2 Credit Hours)  
Pre-requisites: EXCM 201 and EXCM 364  
Outcomes: At the successful completion of the course, the student will be able to: 1  
This course provides practical information on exercise for persons with a wide range of health conditions, diseases and disabilities. Best-practice exercise prescription protocols for individuals across the life span will be addressed. An overview of unique physiology, effects of the condition on the exercise response, and effects of exercise training on the condition will be discussed. Recommendations for exercise testing and programming are presented for select populations. Understand the relations between health conditions, disease, disability and physical activity. 2. Establish physical activity outcomes in individuals with health conditions, diseases or disabilities. 3. Modify existing physical activity prescriptions to match individual capabilities and needs. 4. Demonstrate an understanding of the risks and benefits associated with exercise participation. 5. Analyze the results of exercise tests and fitness evaluations in various populations. 6. Modify equipment arrangement and facility resources to accommodate use by individuals with special needs.

EXCM 382 Clinical Research: Methods, Design and Ethics w/Lab (3 Credit Hours)  
Pre-requisites: EXCM 201 and STAT 103  
Study of current literature with implications for exercise and sport science specializations; use of library resources and retrieval systems; evaluation of professional competencies.

EXCM 385 Kinesiology and Sports Biomechanics w/Lab (4 Credit Hours)  
Pre-requisites: PHYS 112 and Anatomy & Physiology (GNUR 155/155L and GNUR 156/156L)  
Analysis of human movement with emphasis on the biomechanics of exercise and sport movement patterns.

EXCM 387 Movement Anatomy in Exercise (3 Credit Hours)  
Pre-requisites: EXCM 385 Outcomes  
At the successful completion of the course, the student will be able to: 1  
Concepts and principles from anatomy and biomechanics are integrated into the analysis of human movement. This course focuses on application of the principles of human movement for normal function and application to different levels of physical performance through case based applications and classroom activities. Content includes anatomical lever systems, moment arms, stability and laws of motion. Systematic analysis of human movement in clinical conditions, performance, and wellness settings will be reviewed. Development of individual plans to improve movement is woven throughout the course. Explain the relationship between biomechanics, anatomy and human movement. 2. Understand upper and lower limb musculoskeletal anatomy, physiology, and function. 3. Apply functional anatomy in the analysis of normal physical performance. 4. Develop individualized plans to correct movement based on the assessment of the individual. 5. Evaluate movement techniques in various populations. 6. Evaluate client outcomes as a result of prescribed exercise modifications to improve movement patterns.

EXCM 390 Psychology of Health and Exercise (3 Credit Hours)  
Pre-requisites: EXCM 201 and PSYC 273  
This course will present current research with focus on the leading theories and applications in health and exercise psychology. The implications and applications of research and practice for health behavior change by health and fitness professionals in diverse populations at the societal and individual levels will also be reviewed.

EXCM 395 Clinical Internship and Patient Management (6 Credit Hours)  
Pre-requisites: EXCM 201 and Anatomy & Physiology (GNUR 155/155L and GNUR 156/156L), 4 of 8 upper division EXCM courses  
Practical experience working with exercise physiologists, physical therapists, occupational therapists, rehabilitation therapists, and others, in cardiac care and orthopedic rehabilitation. This course satisfies the Engaged Learning requirement.

EXCM 399 Special Topics in Physical Therapy (2 Credit Hours)  
This course covers the general areas of physical therapy, as well as a relevant topic in physical therapy. This course will be offered as an elective and open to all students. Evaluate scientific literature. Explore the impact a physical therapist has on their patient through movement improvement, pain management and prevention. Recommend evidence-based practices using case studies. (i.e. exercise prescription, patient education, society level affects.)

Outcomes:  
Examine various research and writing to gain understanding and knowledge in the areas of physical therapy

EXEC 101 Introduction to Exercise Physiology (4 Credit Hours)  
Introduction to the major; also includes a lab component covering Emergency Procedures and Safety Skills, introduction to common safety principles, predisposing factors and common causes of accidents, injuries and illnesses.

Healthcare Emergency Management (HEM)

HEM 100 Emergency Medical Technician - Basic (4 Credit Hours)  
This course is designed to instruct a student to the level of Emergency Medical Technician-Basic, who serves as a vital link in the health care team. This includes all skills necessary to provide emergency medical care and a basic life support (BLS) level with an ambulance or other specialized service. Student must maintain active CPR recognition throughout the course.

This course satisfies the Engaged Learning requirement.

HEM 395 Emergency Management Practicum (3 Credit Hours)  
Pre-requisites: HEM 201  
The purpose of this course is to integrate and synthesize the theory and principles presented in the core classes of the healthcare emergency management major  
To achieve this goal, the practicum will examine and assess various disaster case studies. Utilizing the resources of the Faculty Advisory Board, students will be placed in emergency services or public health positions to observe first hand the work of the healthcare emergency manager. In particular, students will observe and participate in such activities as strategic planning; inter-governmental agency communication and information sharing; risk analysis; disaster plan preparation and other aspects of public health threat preparedness; policy analysis; and related practices.

Institute of Paralegal Studies (PLST)

PLST 331 Introduction to Paralegal Studies (2 Credit Hours)  
Required of all students in their first session of study. An introduction to the function and sources of American law (including the U.S. Constitution), the American legal system, the civil litigation process, and legal practice, focusing on the role of the paralegal. Trends in the paralegal field, including regulation and career issues.

Outcomes:  
Students will recognize typical paralegal responsibilities in various areas of legal practice and be aware of recent developments in the field, especially regulatory proposals affecting paralegals.
PLST 332 Legal Research and Writing I (2 Credit Hours)
Required of all students. An introduction to the fundamentals of legal research, focusing on locating, analyzing and updating case law (court opinions). Practice in researching case law in hard copy and online, and in writing case briefs.
Outcomes:
Students will be able to use various reference books and online services (LEXIS and WESTLAW) to locate, analyze, and update case law, and will be able to write case briefs

PLST 333 Legal Research and Writing II (2 Credit Hours)
Pre-requisites: PLST 332
Required of all students. Further instruction in legal research skills, focusing on locating, analyzing and updating statutory and administrative law. Practice in researching statutory and administrative law in hard copy and online. Drafting routine legal correspondence.

PLST 334 Legal Analysis: Practical Applications (2 Credit Hours)
Pre-requisites: PLST 332 and PLST 333
This writing intensive course will provide extensive practice analyzing factual scenarios, summarizing and applying legal authority and developing written legal arguments. Drafts and rewrites are required. Course equivalencies: PLST334/PLST370

PLST 335 Legal Ethics (2 Credit Hours)
Pre-requisites: PLST 331
Required of all students. Ethical considerations in the practice of law that paralegals are likely to encounter, especially the unauthorized practice of law, client confidentiality and conflicts of interest. Review of ethical codes for attorneys and paralegals.

PLST 336 Corporate Topics for Litigation Paralegals (2 Credit Hours)
Required for the Litigation Practice Certificate. An introduction to the basic principles of agency law, contract law, and the forms of business organizations: sole proprietorships, partnerships (general, registered limited liability and limited), limited liability companies, and corporations.

PLST 339 Secured Transactions and Bankruptcy (2 Credit Hours)
Pre-requisites: PLST 336 or PLST 362
Required for the Corporate Practice Certificate (Water Tower Campus). An introduction to transactions under Uniform Commercial Code Article 9 (Secured Transactions) and federal bankruptcy law, primarily as it applies to businesses. Outcome: Students will be able to draft UCC forms to perfect security interests as well as bankruptcy forms.

PLST 340 Civil Litigation I (2 Credit Hours)
Required for the Litigation Practice Certificate. An introduction to the civil litigation process in state (Illinois) and federal courts, and proceedings in administrative agencies generally, focusing on the initial phases. Instruction in client interviews and pre-litigation investigations, evidentiary issues, and practice in drafting pleadings initiating lawsuits and proceedings through pre-trial motion practice.
Outcomes:
Students will understand the structure and basic operations of these courts, and will be familiar with the rules of procedure governing civil litigation proceedings

PLST 341 Civil Litigation II (2 Credit Hours)
Pre-requisites: PLST 340
Required for the Litigation Practice Certificate. Further instruction in the litigation process, focusing on the discovery, trial, and post-trial stages. Topics include interrogatories, depositions, document production and inspection requests, other discovery tools, settlement negotiations, organization of case files, document control systems, trial preparation, trial procedure, and post-trial proceedings. Overview of alternative dispute resolution.
Outcomes:
Students will be able to conduct client interviews and pre-litigation investigations, and to draft the pleadings initiating lawsuits and proceeding through pre-trial motion practice

PLST 342 Litigation Technology & eDiscovery (2 Credit Hours)
Pre-requisites: PLST 340 and PLST 341
Previous completion of PLST 345 strongly recommended. Required for the Litigation Practice Certificate. Hands-on instruction in software programs (Relativity) commonly used for litigation support, including electronic court filing, eDiscovery, case management, document control and trial presentation.
Outcomes:
Students will be able to assist attorneys in preparing for and conducting trials

PLST 343 Real Estate Transactions I (2 Credit Hours)
Pre-requisites: PLST 336 or PLST 362
An introduction to the concepts of real estate ownership and real estate sales transactions. Practice in preparing standard documents required for real estate transactions: purchase/sale agreements, deeds and other closing documents, title insurance commitments and policies, and surveys.
Outcomes:
Students will be able to draft documents for basic real estate transactions and to assist attorneys in conducting real estate closings

PLST 344 Real Estate Transactions II (2 Credit Hours)
Pre-requisites: PLST 343
Further instruction in real estate transactions, examining issues that arise in all real estate transactions and especially the documentation and closing of these transactions. Commercial real estate leasing.
Outcomes:
Students will be able to prepare documents for these transactions, and to assist attorneys in conducting commercial real estate closings and other transactions

PLST 345 Law Office Computer Applications (2 Credit Hours)
Required of all students. Hands-on instruction in software programs commonly used in law offices: word processing (templates, redlining, tables), spreadsheets (financial data, charts and graphs), pdf management (creating and combining pdfs, creating a portfolio, redacting, adding security) and presentation graphics.
Outcomes:
Students will be proficient in the fundamentals of word processing (templates, redlining, tables), spreadsheets (financial data, charts and graphs), database management (organizing, sorting, and retrieving information), and presentation graphics

PLST 346 Advanced Litigation Technology (2 Credit Hours)
Pre-requisites: PLST 340, PLST 341, PLST 342
Additional instruction in online resources and software typically used in litigation support (e.g. Relativity).
Outcomes:
Students will prepared to use typical litigation resources and software at a basic to intermediate level
PLST 348 Advanced Online Research Skills (2 Credit Hours)
Pre-requisites: PLST 332 This course focuses on research strategies for paralegals and specifically develops skills in the area of online public database research.
Students practice researching within publically available online resources in a wide variety of subject areas including court procedure and docketing, business entities, real property, criminal law, environmental compliance, etc. Multiple practical assignments as well as one main research assignment.
Outcomes:
Students will research and write memoranda in support of motions, and will be familiar with the mechanics of appellate court briefs.
PLST 349 Torts (2 Credit Hours)
An introduction to civil tort liability, including the intentional torts, negligence, strict liability, and product liability. Role of the paralegal in personal injury litigation. Practice in client interviewing techniques. Basic factual investigation techniques.
Outcomes:
Students will be familiar with the paralegal’s role in personal injury litigation from both the plaintiff’s and defendant’s viewpoints, including typical pleadings and other documents.
PLST 350 Medical Malpractice (2 Credit Hours)
Negligence lawsuits brought against health care organizations and health care professionals, from both the plaintiff’s and defendant’s viewpoints. Illinois law and rules of procedure for medical malpractice cases. Practical skills for locating and organizing medical information.
The student will be familiar with Illinois law and rules of procedure governing medical malpractice lawsuits and will be able to draft a malpractice complaint as well as locate and organize medical information.
PLST 351 Intellectual Property: Patents and Trade Secrets (2 Credit Hours)
An introduction to the terminology, basic principles and documentation requirements of patent protection. Subject matter of patents, the concept of patentability, the patent application process and patent infringement litigation. Trade secret misappropriation.
Outcomes:
Students will be familiar with the concept of patentability, the patent application process (including preparation of basic forms and documents), and patent infringement litigation.
PLST 352 Intellectual Property: Trademarks and Copyrights (2 Credit Hours)
An introduction to the terminology, basic principles and documentation requirements of trademark and copyright protection. Registration procedures and infringement disputes.
Outcomes:
Students will be familiar with registration procedures (including preparation of basic forms and documents) and infringement disputes.
PLST 353 Securities Regulation (2 Credit Hours)
Pre-requisites: PLST 336 or PLST 362
Federal and state regulation of securities transactions. The stock market and the roles of brokers, specialists and underwriters. Requirements for public offerings of stock, notably the registration statement and prospectus, as well as the anti-fraud provisions.
Outcomes:
Students will be familiar with the requirements for public offerings of stock, notably the registration statement and prospectus, and will be able to complete basic forms required under these laws.
PLST 355 Estates, Trusts & Wills (2 Credit Hours)
An introduction to basic principles of estate and trust administration. Practical aspects of administration of estates and trusts for the paralegal. Probate proceedings in Illinois, including the preparation of probate court pleadings, inventories, collection and valuation of assets, distribution of assets to beneficiaries, and accounting.
Outcomes:
Students will be familiar with wills and be able to prepare the documents required to administer estates in Illinois.
PLST 357 Family Law (2 Credit Hours)
An introduction to the laws governing family relationships, specifically the Illinois Marriage and Dissolution of Marriage Act and related statutes. Factual investigation, preparation of pleadings and other documents, court procedures, settlement agreements, and post-decree modifications. Brief overview of adoption and paternity proceedings.
Outcomes:
Students will be able to prepare pleadings, notices, settlement agreements, and other documents, and to assist the attorney in domestic relations court proceedings.
PLST 358 Criminal Law and Litigation (2 Credit Hours)
An introduction to the purpose and scope of substantive criminal law, including the employment-at-will doctrine, employment contracts, anti-discrimination claims, and worker’s compensation. Administrative procedures and trial court actions.
Outcomes:
Students will be able to prepare court forms and pleadings commonly used in the criminal trial process, and to assist attorneys preparing for trial.
PLST 359 Environmental Law (2 Credit Hours)
An introduction to federal environmental statutes regulating water quality, waste management and remediation of hazardous substances (Superfund). Issues leading to enforcement proceedings. Research strategies for this technical area.
Outcomes:
Students will be familiar with permit applications, enforcement proceedings, and research strategies for this technical area.
PLST 360 Employment Law (2 Credit Hours)
An overview of the legal relationship between employers and employees, including the employment-at-will doctrine, employment contracts, federal and state anti-discrimination laws, and worker’s compensation proceedings. Administrative procedures and trial court actions.
Outcomes:
Students will be familiar with federal and Illinois law regulating employment status, employment contracts, anti-discrimination claims, and worker’s compensation, and will be able to assist attorneys in administrative agency proceedings and civil lawsuits.
PLST 361 Immigration Law (2 Credit Hours)
Outcomes:
Students will be able to prepare various visa applications.
PLST 362 Business Organizations (2 Credit Hours)
Required for Corporate Practice Certificate (Water Tower Campus and Cuneo Cohort).
This course focuses on the formation and operation of sole proprietorships, partnerships (general, limited, and limited liability), limited liability companies, and corporations. Preparation of standard forms and agreements will be emphasized. Due diligence procedures for mergers and acquisitions and other transactions will be covered.

PLST 363 Contract Administration & Analysis (2 Credit Hours)
Required for Corporate Practice Certificate (Water Tower Campus and Cuneo Cohort). This course focuses on both common-law and Uniform Commercial Code (UCC) Article 2 contracts. The elements of a valid contract will be studied, as well as standard contractual provisions and basic principles of contract interpretation. Students will work with several sample contracts: a confidentiality/nondisclosure agreement, a licensing agreement, and a general trade agreement.

PLST 364 Topics in Corporate Practice (2 Credit Hours)
Pre-requisites: PLST 362 Business Organizations
This course provides an overview of laws relating to business operations, including secured transactions (Uniform Commercial Code Article 9), federal bankruptcy law, and employment law. Compliance with various regulatory requirements will also be covered.

PLST 366 Litigation Topics for Corporate Paralegals (2 Credit Hours)
Required for Corporate Practice Certificate (Water Tower Campus and Cuneo Cohort). This course introduces the civil litigation process in state (Illinois) and federal courts, from the initial phases of pre-litigation investigations and pleadings through the discovery, trial, and post-trial phases. Technological innovations affecting civil litigation, such as electronic court filing and e-discovery procedures, will be given special emphasis.

PLST 368 Corporate Compliance Topics (2 Credit Hours)
Pre-requisites: PLST 362 or PLST 336 This course provides an overview of various regulatory provisions applicable to the financial services industry, including the Anti-Money Laundering (AML) and Business Continuity Plans (BCP) rules, the Foreign Corrupt Practices Act, and insider trading prohibitions.
Compliance with the requirements of these laws will be the focus of the course.
Outcomes:
Students will learn practices and procedures to monitor and document compliance with these laws.

PLST 369 Advanced Topics in American Law (3 Credit Hours)
Enrollment is limited to students in the B.A. in PLST degree program. CPST 200 is a prerequisite to this course. This course will build on students' knowledge of the American legal system, examining the role of law in 21st century American society. The course will focus on the interpretation of selected portions of the U.S. Constitution and their effect on American life. Constitution governs the American legal system and protects individual rights.
Outcomes:
Students will learn how the U.S