

Tech Skills on Demand



At Per Scholas, we connect businesses with a highly skilled talent pool ready to meet the demands of today's technology-driven world. Our comprehensive training programs equip individuals with the technical expertise and certifications employers need, including IT support, cybersecurity, and cloud computing.

By partnering with Per Scholas, you gain access to a pipeline of job-ready technologists who are prepared to drive operational efficiency, innovation, and security within your organization. Let us help you build a stronger workforce that meets your business goals.

Artificial Intelligence						
Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
AI Prompt Engineering 3025	<p>Enhanced AI Prompt Engineering Drive accurate and tailored responses from language models to optimize organizational processes and decision-making.</p> <p>Ethical Prompting Practices Safeguard organizational reputation and foster trust by ensuring fairness and inclusivity in AI prompt generation.</p> <p>Team Collaboration Streamline prompt engineering workflows to promote effective communication within teams and optimal outcomes for the organization.</p>	AI Prompt Engineer	Capstone Project	Remote	<p>84</p> <p>Technical Instruction: 84.0 Professional Development: 0.0 Open Lab/Office: 35</p>	Learn More!
Azure AI Fundamentals 3031	<p>Build Intelligent Applications Design and deploy AI solutions for generative AI, computer vision, document intelligence, and text analysis.</p> <p>Ensure Ethical AI Implementation Mitigate potential harms and ensure ethical AI usage, establishing trust and compliance across organizations</p> <p>Drive Business Value with Azure AI Create solutions that drive tangible business value by architecting scalable systems, building intelligent applications, and ensuring ethical AI implementation.</p>	Azure AI Practitioner	Azure AI Fundamentals	Remote	<p>90</p> <p>Technical Instruction: 90.0 Professional Development: 0.0 Open Lab/Office: 50</p>	Learn More!

Cloud						
Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
AWS re/Start 1002.1	<p>Boost Efficiency Certified AWS re/Start graduates drive organizational agility and optimize operations, reducing downtime and costs.</p> <p>Empower Skilled Workforce Provide IT and AWS Cloud expertise, enabling enhanced productivity, problem-solving, and innovation.</p> <p>Enhance Security Strengthen security measures and ensure compliance with the knowledge of AWS services.</p>	AWS Junior Cloud Engineer	Capstone Project Amazon AWS Cloud Practitioner	Remote	412.5 Technical Instruction: 352.0 Professional Development: 60.5 Open Lab/Office: 75	Learn More!
Cybersecurity						
Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
Cybersecurity Analyst 1001.1	<p>Robust Cybersecurity Defense Evaluate, protect, and defend against digital threats, ensuring systems and data remain secure.</p> <p>Technical Proficiency Apply advanced security methodologies, configure network devices, and analyze security incidents, enhancing the organization's cybersecurity posture.</p> <p>Effective Security Monitoring Monitor network and system activity, identify threats, and respond swiftly, safeguarding critical assets and minimizing risks.</p>	Cybersecurity Analyst	Capstone Project, CompTIA CySA+ Splunk Core Certified User	In Person, Remote, Hybrid	412.5 Technical Instruction: 352.0 Professional Development: 60.5 Open Lab/Office: 75	Learn More!

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Security Analyst 3002	<p>Secure Applications and Data Graduates can secure applications and data across various platforms, including cloud and mobile, ensuring comprehensive protection against unauthorized access and cyber-attacks.</p> <p>Identify and Mitigate Security Threats Proactively identify various types of cyber threats and vulnerabilities, employing advanced techniques to mitigate risks and protect the organization's digital assets.</p> <p>Comply with Regulations and Standards The application of relevant regulations, standards, and frameworks ensures the organization's compliance with legal and industry-specific security requirements.</p>	Security Analyst	CompTIA Security+	Remote	90 Technical Instruction: 90.0 Professional Development: 0.0 Open Lab/Office: 50	Learn More!
Splunk Security Analyst 3005	<p>Secure Network and Application Infrastructure Graduates are skilled in implementing secure network designs, including routing, switching, wireless infrastructures, and securing applications and cloud services against emerging threats.</p> <p>Manage Incident Response and Risk Lead and execute comprehensive incident response procedures, utilize appropriate data sources for incident investigation, and apply mitigation controls to protect against future incidents.</p> <p>Utilize Splunk for Security Monitoring Monitor network environments, create alerts, and generate reports, leveraging data analytics for enhanced security posture and operational efficiency.</p>	Splunk Security Analyst	Splunk Core Certified User CompTIA Security+	Remote	275 Technical Instruction: 275.0 Professional Development: 0.0 Open Lab/Office: 50	Learn More!

Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
Google Cybersecurity 3026	<p>Network Foundations Apply advanced knowledge and practical competencies in network configuration, including routing, switching, and device setup using the Cisco CLI.</p> <p>System Administration Manage multiple operating systems, utilizing the command line, security configurations, and troubleshooting methodologies.</p> <p>Cybersecurity Principles Apply cybersecurity frameworks and controls and employ the CIA triad and NIST CSF to develop robust security procedures.</p>	Cybersecurity Analyst	Google Cybersecurity Professional Certificate	Remote	170 Technical Instruction: 170.0 Professional Development: 0.0 Open Lab/Office: 85	Learn More!
Data Engineering & Analytics						
Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
Data Engineering 2031	<p>Data-Driven Decision-Making Leverage Python, Spark, and Tableau to inform decisions, driving strategic growth through data insights.</p> <p>Streamlined Data Operations Optimize ETL processes, enhancing productivity with Python and SQL proficiency.</p> <p>Resilient Data Warehousing Enable the development and maintenance of resilient data warehouses using Python, Apache Spark, and Spark SQL.</p>	Data Engineering	Capstone Project	Remote	385 Technical Instruction: 319.0 Professional Development: 66.0 Open Lab/Office: 70	Learn More!

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Data Analytics 2056.1	<p>Data Management and Analysis Manage and analyze complex datasets using Excel and SQL, providing meaningful insights for informed decision-making.</p> <p>Data Visualization and Reporting Create reports and dashboards that effectively communicate insights and drive strategic actions.</p> <p>Problem-Solving and Data Quality Assurance Resolve data issues, ensuring accuracy and enhancing operational efficiency.</p>	Data Analyst	Capstone Project	Remote	385 Technical Instruction: 308.0 Professional Development: 77.0 Open Lab/Office: 70	Learn More!
Data Analytics with PowerBI 3030	<p>Dynamic Power BI Dashboards Craft impactful dashboards that distill complex data into actionable insights for informed decision-making.</p> <p>Efficient Database Optimization Master techniques for enhancing database performance, ensuring streamlined operations, and improving query efficiency.</p> <p>Visual Storytelling Proficiency Utilize Power BI to transform data into engaging narratives that promote effective organizational communication.</p>	Power BI Developer	Knowledge and Skill-based Assessments	Remote	90 Technical Instruction: 90.0 Professional Development: 0.0 Open Lab/Office: 50	Learn More!

Human Resource Management (HRM) and Customer Relationship Management (CRM)

Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
Salesforce Administrator 1029	<p>Efficient Salesforce Management Manage Salesforce platform and applications and create custom objects and solutions to optimize business processes.</p> <p>Robust Data Security Ensure data integrity, control User access, and streamline management practices to enhance system reliability and compliance.</p> <p>Effective Automation and Customization Improve workflows, enhance User experiences, and drive business growth through Salesforce CRM.</p>	Salesforce Administrator	<p>Capstone Project</p> <p>Salesforce Certified Administrator</p>	Remote	<p>412.5</p> <p>Technical Instruction: 352.0 Professional Development: 60.5 Open Lab/Office: 75</p>	Learn More!

IT Support and Operations

Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
Help Desk Analyst 1005.1	<p>Enhance IT Efficiency Manage and troubleshoot virtualized environments, computer systems, and networks to streamline business operations.</p> <p>Strengthen Network Security Implement IT security measures, protect networks, and mitigate cybersecurity threats to safeguard organizational data.</p> <p>Optimize IT Support Processes Utilize ServiceNow and ITSM frameworks to resolve support tickets and improve service delivery efficiently.</p>	IT Help Desk Analyst	<p>Capstone Project</p> <p>ServiceNow Certified System Administrator (CSA)</p>	In Person, Hybrid	<p>412.5</p> <p>Technical Instruction: 352.0 Professional Development: 60.5 Open Lab/Office: 75</p>	Learn More!

Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
IT Support 1017.1, 1023.1, 1024.1, 1025.1, 2038.1, 2039.2	System Administration Optimize IT systems, manage users and groups, and configure hardware and software systems, elevating operational productivity and efficiency. Security Implementation Implement cutting-edge security measures, safeguard organizational assets, and mitigate cyber risks. Proactive Solutions Assess, troubleshoot, and enhance IT systems proactively, ensuring optimal performance to align with user needs and organizational goals. Streamline Service Management Apply ITSM principles and tools, improving help desk operations and ticket resolution efficiency.	IT Support Analyst	Capstone Project CompTIA A+	Hybrid, In Person, Remote (Fulltime, Parttime, Asynchronous)	320 - 412.5 Technical Instruction: 275.0 - 352.0 Professional Development: 40.0 - 77 Open Lab/Office: 65.0 - 100.0	Learn More!
IT Security Analyst 1030.1	Strengthen Security Design and implement robust network defense and cybersecurity strategies to protect organizational assets. Enhance Network Efficiency Configure, troubleshoot, and optimize network infrastructure to support seamless connectivity and performance. Drive Cloud Transformation Deploy and manage secure, scalable cloud solutions to advance digital capabilities within the organization.	IT Security Analyst	CompTIA Security+	In Person, Hybrid, Remote	275 Technical Instruction: 275.0 Professional Development: 0.0 Open Lab/Office: 50	Learn More!
IT Data Center Technician 1032	Optimize IT Operations Streamline data center operations, ensuring system efficiency, reduced downtime, and effective resource management. Infrastructure Support Enabling seamless maintenance and scaling of complex IT environments. Compliance and Security Safeguard organizational infrastructure while maintaining compliance with industry regulations.	Data Center Technician	CompTIA A+ Capstone Project NFPA 70E - Standard for Electrical Safety in the Workplace OSHA 10-Hour General Industry Training Course	In Person	440 Technical Instruction: 379.5 Professional Development: 60.5 Open Lab/Office: 80	Learn More!

Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
Data Center Technician 2033.1	<p>Optimize Infrastructure Efficiency Manage and configure data center hardware and networking solutions to improve operational performance and reliability.</p> <p>Streamline IT Operations Utilize AI tools and ITSM frameworks like ServiceNow to enhance support workflows and effectively address IT service requests.</p> <p>Enhance Workplace Safety Implement OSHA and NFPA 70E safety standards to ensure a secure work environment in data center operations.</p>	Data Center Technician	<p>Capstone Project</p> <p>NFPA 70E - Standard for Electrical Safety in the Workplace</p> <p>OSHA 10-Hour General Industry Training Course</p>	In Person	<p>220</p> <p>Technical Instruction: 181.5 Professional Development: 38.5 Open Lab/Office: 40</p>	Learn More!
Splunk Core Certified Power User 2087	<p>Data Analysis Advanced Splunk techniques to analyze and interpret datasets and manage dashboards.</p> <p>Cybersecurity Foundations Proficiency in identifying various cybersecurity threats and attacks.</p> <p>Network Security Knowledge of networking protocols and operations to enhance network security.</p>	Security Operations Center (SOC) Analyst	Splunk Core Certified Power User	Remote	<p>120</p> <p>Technical Instruction: 110.0 Professional Development: 10.0 Open Lab/Office: 50</p>	Learn More!
Data Center Technician Core 2105.1	<p>Optimize Operations Optimize data center infrastructure, including power, cooling, and network hardware, for improved efficiency and scalability.</p> <p>Enhance Security Implement security controls and disaster recovery plans to protect data centers against risks.</p> <p>Ensure Compliance Implement OSHA and NFPA safety standards to create a safer, regulated workplace.</p>	Data Center Technician	<p>NFPA 70E - Standard for Electrical Safety in the Workplace</p> <p>OSHA 10-Hour General Industry Training Course</p>	In Person, Hybrid	<p>110</p> <p>Technical Instruction: 110.0 Professional Development: 0.0 Open Lab/Office: 20</p>	Learn More!

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Windows Server Administration 3009	<p>Server Essentials Optimize Windows Server environments, focusing on setup and configuration and user management for IT infrastructure.</p> <p>Troubleshooting Acumen Diagnose and resolve hardware, software, and network disruptions to minimize operational interruptions.</p> <p>Deployment Proficiency Implement Windows Deployment Services (WDS) for secure and efficient OS deployment, enhancing IT adaptability.</p>	System Administrator	Knowledge and Skill-based Assessments	Remote	<p>36</p> <p>Technical Instruction: 36.0 Professional Development: 0.0 Open Lab/Office: 50</p>	Learn More!
Splunk Core User 3012	<p>Search and Reporting Efficiently query, filter, and visualize data for insightful reporting.</p> <p>Data Management Index, parse, and manage data sources for optimal retrieval.</p> <p>Dashboards & Visualization Create and customize dashboards for clear data insights.</p>	Security Operations Center (SOC) Analyst	<p>Capstone Project</p> <p>Splunk Core Certified User</p>	Remote	<p>36</p> <p>Technical Instruction: 36.0 Professional Development: 0.0 Open Lab/Office: 50</p>	Learn More!
CompTIA A+ Exam Prep 3036	<p>Efficient Troubleshooting Troubleshoot and resolve technical issues efficiently, ensuring minimal downtime and enhanced productivity.</p> <p>Secure System Configuration Configure and secure IT systems and networks, safeguarding organizational data and infrastructure.</p> <p>Proactive Maintenance Planning Develop and implement preventive maintenance plans, prolonging the lifespan and reliability of computer systems.</p>	IT Security Analyst	CompTIA A+	Remote	<p>54</p> <p>Technical Instruction: 54.0 Professional Development: 0.0 Open Lab/Office: 30</p>	Learn More!

Networking						
Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
Network Technician 1019	<p>Streamline Network Operations Design, configure, and troubleshoot enterprise networks, applying structured cabling techniques to ensure reliable connectivity.</p> <p>Drive Project Success Execute telecommunications projects effectively, leveraging project management skills to deliver on time and within budget.</p> <p>Enhance Workplace Safety Implement OSHA and NFPA standards to identify and mitigate electrical hazards, ensuring a safe working environment.</p>	Network Technician	<p>Capstone Project</p> <p>NFPA 70E - Standard for Electrical Safety in the Workplace</p> <p>OSHA 10-Hour General Industry Training Course</p>	In Person	<p>275</p> <p>Technical Instruction: 214.5 Professional Development: 60.5 Open Lab/Office: 50</p>	Learn More!
Low Voltage Telecom 2107	<p>Optimize Telecom Infrastructure Design and install structured cabling and telecommunication systems, ensuring compliance with industry codes.</p> <p>Security Installations Implement OSHA and NFPA 70E standards while designing and installing security and alarm systems.</p> <p>Enhance Project Efficiency Execute telecom projects through solid project management practices, from planning to closeout.</p>	Low Voltage Technician	<p>NFPA 70E - Standard for Electrical Safety in the Workplace</p> <p>OSHA 10-Hour General Industry Training Course</p> <p>ESA Certified Alarm Technician Level I</p>	In Person, Hybrid	<p>165</p> <p>Technical Instruction: 148.5 Professional Development: 16.5 Open Lab/Office: 30</p>	Learn More!

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Network Technician 3001.1	<p>Network Operations Apply statistics and sensors to monitor network availability and maintain the integrity and reliability of network services and ensure business continuity.</p> <p>Network Security Apply network hardening techniques to safeguard networks against vulnerabilities and protect organizational data from unauthorized access and security breaches.</p> <p>Network Troubleshooting Troubleshoot, identify, and resolve connectivity issues quickly, minimizing network downtime and supporting optimal performance.</p>	Network Technician	CompTIA Network+	In Person	90 Technical Instruction: 90.0 Professional Development: 0.0 Open Lab/Office: 50	Learn More!
CCNA 3004	<p>Build and Manage Network Infrastructures Graduates construct and maintain efficient local area networks (LANs), ensuring seamless connectivity and access to network resources within the client's organization.</p> <p>Implement Advanced Network Security Measures Bolster network security by implementing advanced security protocols and access control lists, mitigating potential threats to safeguard the organization's data and infrastructure.</p> <p>Leverage Automation for Network Efficiency Proficient in utilizing network automation tools and understanding virtualization and software-defined networking (SDN), enhancing operational efficiency.</p>	Network Analyst	Capstone Project CCNA: Enterprise Networking, Security, and Automation	Remote	180 Technical Instruction: 180.0 Professional Development: 0.0 Open Lab/Office: 50	Learn More!

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Network Analysis 3013	<p>Analysis Mastery Expertise in utilizing network analysis tools to analyze network traffic and perform threat detection and mitigation effectively.</p> <p>Network Troubleshooting Manage enterprise networks, analyze network traffic and resolve network issues essential for any role in network analysis or cybersecurity.</p> <p>Data Extraction Extract, analyze, and export critical data, enhancing organizational capabilities in data retrieval and cybersecurity investigations.</p>	Network Technician	Capstone Project	Remote	36 Technical Instruction: 36.0 Professional Development: 0.0 Open Lab/Office: 50	Learn More!
Data Center Technician 6010P	<p>Optimize Infrastructure Efficiency Manage and configure data center hardware and networking solutions to improve operational performance and reliability.</p> <p>Streamline IT Operations Utilize AI tools and ITSM frameworks like ServiceNow to enhance support workflows and effectively address IT service requests.</p> <p>Enhance Workplace Safety Implement OSHA and NFPA 70E safety standards to ensure a secure work environment in data center operations.</p>	Data Center Technician	Capstone Project NFPA 70E - Standard for Electrical Safety in the Workplace OSHA 10-Hour General Industry Training Course	In Person	242 Technical Instruction: 181.5 Professional Development: 60.5 Open Lab/Office: 45	Learn More!

Software Engineering and Applications						
Course Name + UCI	Course Objectives	Potential Roles	Certifications	Modality	Training Hours	Learn More
Full Stack Software Development - MERN 1018.1	<p>Web Development Expertise Proficiently design scalable web applications, equipping your organization to deliver high-performance digital solutions.</p> <p>Effective Data Management Excel in database integration and data-driven application development, improving data-centric business operations.</p> <p>Modern Framework Mastery Agility to adapt and excel with Javascript and React, maximizing flexibility in diverse project environments.</p>	Full Stack Software Engineer	Capstone Project	Remote, In Person, Hybrid	412.5 Technical Instruction: 352.0 Professional Development: 60.5 Open Lab/Office: 75	Learn More!
Full Stack Java Developer 2023	<p>Robust Software Development Develop scalable solutions using microservices architecture and modern web development technologies.</p> <p>Data Management Expertise Efficiently manage and manipulate complex data in Java applications, optimizing data integrity and database performance.</p> <p>Code Quality Assurance Ensure code quality and reliability by implementing testing frameworks and leveraging code evaluation tools.</p>	Full Stack Java Developer	Capstone Project	Remote	412.5 Technical Instruction: 352.0 Professional Development: 60.5 Open Lab/Office: 75	Learn More!

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Systems Engineer 2098	<p>Efficient Web Application Development Design and implement responsive web interfaces, integrate complex features, and ensure data integrity, leveraging modern front-end libraries, UI/UX principles, and API frameworks.</p> <p>Robust Back-End Development Implement back-end technologies such as Java, Spring Boot, and Hibernate to architect and implement scalable, efficient server-side solutions for diverse applications.</p> <p>Dynamic Problem-Solving and Adaptability Demonstrate adept problem-solving capabilities, adapt to emerging technologies, and apply holistic software engineering principles to drive innovation in their work environments.</p>	Software Engineer	Capstone Project	In Person	799.5 Technical Instruction: 734.5 Professional Development: 65.0 Open Lab/Office: 120	Learn More!
Software Engineering with Python 2099	<p>Design Efficient Algorithms Design, analyze, and optimize algorithms, enhancing problem-solving and software performance.</p> <p>Build Advanced Python and Django Applications Master Python OOP and Django to create robust, secure web applications**.**</p> <p>Implement Testing and Optimization Strategies Write unit tests, debug, and optimize software to ensure high quality and efficiency.</p>	Full Stack Python Developer	Capstone Project	Remote	120 Technical Instruction: 120.0 Professional Development: 0.0 Open Lab/Office: 50	Learn More!
Full Stack Java with Microservices 2101	<p>Robust Software Development Develop scalable solutions using microservices architecture and modern web architecture patterns.</p> <p>Data Management Expertise Efficiently manage and manipulate complex data in Java applications, optimizing data integrity and database performance.</p> <p>Ensure Operational Efficiency Implement containerized deployment strategies ensuring a reliable and scalable application deployment and operations.</p>	Java Microservice Developer	Capstone Project		412.5 Technical Instruction: 412.5 Professional Development: 0.0 Open Lab/Office: 75	Learn More!

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Web Design Essentials 3033	<p>Creative Web Design with Wireframing Tools Design stunning web interfaces using powerful wireframing tools, ensuring visually appealing and user-friendly experiences.</p> <p>Front-End Development Proficiency Create interactive and responsive web apps using HTML, CSS, JavaScript, and modern front-end libraries.</p> <p>AI-Enhanced Productivity Use AI tools to accelerate development, improve quality, and solve complex problems.</p>	Web Application Developer	Capstone Project	Remote	90 Technical Instruction: 90.0 Professional Development: 0.0 Open Lab/Office: 50	Learn More!
Javascript for Backend Development 3034	<p>Master Backend Development Skills Design, build, and deploy modern, scalable, and resilient web applications.</p> <p>Secure Authentication and Data Management Implement secure authentication and manage data effectively, ensuring user privacy and data integrity across all applications.</p> <p>Improve Coding Efficiency with AI Tools Optimize code quality and coding efficiency by streamlining development workflows using AI tools.</p>	Backend Developer	Capstone Project	Remote	90 Technical Instruction: 90.0 Professional Development: 0.0 Open Lab/Office: 50	Learn More!