PECE STUDY – EXAM SCHEDULE PLANNER

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| |  |  | | --- | --- | | PROGRAM | PECE JOURNEYMAN PATH | | Name | MUSING DANIEL AZENWI. | | registration n0 | POLM11-31082022 | | **NB:** Exams shall be scheduled 5 – 10 days before the end of a study period.  Professional Early Child Education is an industry work-based certification Program, with a clear focus on full development of the human personality (UDHR Art 26 part 2, A/Res/41/128 – Art 2), mastery, industry craftsmanship, versatility, and interoperability.  **NB: *The framework below is a sole representation of the certification schedule.*** |
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| PHASE | PROGRAM | | Job Roles | STARTING | ENDING |
| PHASE 1 - BASIC EDUCATION REQUIREMENT/CERTIFICATIONS (7-10 Exams) – Duration = 1.6 Years | | | | | |
|  | **INTERNET AND COMPUTING CORE IC3-GS6 (3 Exams: Computing Fundamentals – Key Applications – Living Online)** | |  |  |  |
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|  | **ENTREPRENEURSHIP AND SMALL BUSINESS (1 Exam)** | |  |  |  |
|  | **ESB Master (1 Exam)** | |  |  |  |
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|  | **QUICKBOOOKS** | |  |  |  |
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|  | **LANGUAGE LITERACY: CCS (Critical Career Skills)** | |  |  |  |
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| PHASE 2 | **IT SPECIALIST CERTIFICATION (BY PATHWAY) | Duration: 3 Years |Num of Certifications = 15** | | | | |
| NETWORK AUTOMATION SPECIALIST | **IT SPECIALIST: PYTHON** | | **A Network Automation Specialist plays a crucial role in today's digital landscape. With increasing complexity of network infrastructure, their knowledge in automating and streamlining network operations is essential to designing, implementing, and maintaining automated systems. They improve efficiency, reduce errors, and enhance overall performance. Their skills in scripting, programming, and network protocols enable them to optimize workflows, deploy changes rapidly, and troubleshoot issues swiftly, empowering organizations to scale, adapt to evolving technology, and ensure seamless connectivity.** |  |  |
| **IT SPECIALIST: SOFTWARE DEVELOPMENT** | | **6 Months (3 Certifications)** | |
| **CISCO CERTIFIED SUPPORT TECHNICIAN NETWORKING** | |  |  |
| IT TECHNICAL SUPPORT SPECIALIST CREDENTIAL | **NETWORKING** | | **Tech Support** |  |  |
| **NETWORK SECURITY** | | **6 Months (3 Certifications)** | |
| **DEVICE CONFIGURATION AND MANAGEMENT** | |  |  |
| APPLICATION DEVELOPER CREDENTIAL | **HTML AND CSS** | | **Application Developer** |  |  |
| **JAVASCRIPT** | |  |  |
| **SOFTWARE DEVELOPMENT** | | **6 Months (3 Certifications)** | |
| **HTMLS APPLICATION DEVELOPMENT** | |  |  |
| ASSISTANT IT PROJECT MANAGER CREDENTIAL | **PMI – Project Management Ready** | | **Project Manger** |  |  |
| **SOFTWARE DEVELOPMENT** | | **4 Months (2 Certifications)** | |
| **PROFESSIONAL COMMNICATION** | |  |  |
| WEB DEVELOPER FREELANCER CREDENTIAL | **HTML AND CSS** | | **Web Developer** |  |  |
| **JAVASCRIPT** | |  |  |
| **PHOTOSHOP** | | **4 Months (2 Certifications)** | |
| **ENTREPRENEURSHIP AND SMALL BUSINESS** | |  |  |
| App Developer Freelancer Credential | **HTML5 Application Development** | | **App Developer** | **6 Months (2 Certifications)** | |
| **App Development with Swift** | |
| **Entrepreneurship and Small Business** | |  |  |
| PHASE 3 | **CORE SKILLS CERTIFICATION PROGRAM – Duration = 2 Years** | | | | |
| page1image66768 | **CompTIA ITF+** | |  | **6 Months** | |
|  | **COMPTIA A+ (220-1001) & (220-2001)** | | **TOP A+ JOB TITLES**   * Service Desk Analyst * Technical Support Specialist * Field Service Technician * Associate Network Engineer * Data Support Technician * Desktop Support Administrator * End User Computing Technician * Help Desk Technician * System Support Specialist | **6 Months** | |
|  | **COMPTIA NETWORK+** | | • Junior Network Administrator • Computer Technician  • Network Field Technician  • Help Desk Technician  • Junior Systems Engineer • Systems Engineer  • IS Consultant  • Network Support  • Network Field Engineer • Network Analyst | **6 Months** | |
|  | **COMPTIA SECURITY+** | | **Top Security+ Job Roles**  • Systems Administrator  • Security Administrator • Security Specialist • Security Engineer  • Network Administrator • Junior IT Auditor/Penetration Tester  • Security Consultant | **6 Months** | |
| PHASE 4 | **INFRASTRUCTURE PATHWAY** | | | | |
| PHASE 4A IT INFRASTRUCTURE (VENDOR NEUTRAL) – DURATION = 1 Year, 6 Months | | | | | |
|  | **COMPTIA SERVER+** | |  | **6 Months** | |
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|  | **COMPTIA LINUX+** | |  | **6 Months** | |
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|  | **COMPTIA CLOUD+** | |  | **6 Months** | |
| PHASE 4B IT INFRASTRUCTURE (VENDOR SPECIFIC) – NETWORK AND CLOUD TECHNOLOGIES – Duration: 2 Year | | | | | |
| INTERMEDIATE | **CCNA (RS)** | | **Systems Administrators:** Networking, Identity and Access Management, And Application Deployment, Troubleshooting/Help Desk | **3 Months** | |
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| **RHCSA: Red Hat Certified System Administrator** | | **3 Months** | |
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| **AWS Certified Cloud Practitioner** | | **1 Month** | |
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| **AWS Solutions Architect - Associate** | | **3 Months** | |
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| **SysOps Administrator - Associate** | | **3 Months** | |
| ADVANCED |  | |  |  |  |
| **RHCE: Red Hat Certified Engineer** | |  | **5 Months** | |
| **ADVANCED LEVEL – DURATION: 1 Year, 4 Months** | | | | |
| **CCNP: Cisco Certified Network Professional** | |  | **4 Months** | |
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| **AWS: Certified Solutions Architect - Professional** | | **Focus:**  • The AWS Certified Solutions Architect certifications focus on designing and architecting scalable, secure, and highly available systems on the AWS platform.  • Emphasizes best practices for building and deploying applications on AWS, addressing architecture design principles.  **Suitability:**  • Ideal for individuals who want to specialize in architectural design, system planning, and implementation of AWS solutions.  • Relevant for DevOps engineers who want to deepen their understanding of the architectural considerations for deploying applications in the cloud.  **Career Opportunities:**  • Positions you as an expert in cloud architecture, making it a valuable certification for roles involving system design, cloud solution architecture, and technical leadership. | **6 Months** | |
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|  | **AWS: Certified DevOps Engineer- Professional** | | **Focus:**   * Specifically designed for individuals in DevOps roles who have experience with provisioning, operating, and managing distributed application systems on the AWS platform. * Focuses on implementing continuous delivery, automation, monitoring, metrics, logging, and security best practices in the DevOps workflow.   **Suitability:**   * Ideal for DevOps engineers who want to validate their skills in implementing and managing DevOps practices on AWS. * Relevant for those involved in designing and maintaining continuous integration/continuous deployment (CI/CD) pipelines, monitoring, and managing infrastructure as code.   **Career Opportunities:**   * Positions you as an expert in implementing DevOps practices in an AWS environment, making it suitable for roles focused on automation, deployment, and optimizing development workflows. | **6 Months** | |
| EXPERT LEVEL – DURATION 6 Months = $2500 | | | | | |
| EXPERT | **RHCA: Red Hat Certified Architect** | |  | **6 Months** | |
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**Average Salary sheet and links:**

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| Job Type | Estimated Starting Salary Per Annum | Reference |
| App Development Freelancer | $45000 - $78000 | <https://mypathway.certiport.com/17?sid=&culture=ENU> |
| CompTIA A+ | $45000 - $60000 | <https://www.comptia.org/faq/a/how-much-can-i-make-with-a-comptia-a-certification> |
| CompTIA Security+ | $63000 - $130000 | <https://www.comptia.org/faq/security/how-much-can-i-make-with-a-comptia-security-certification> |
| RHCSA: Red Hat Certified System Administrator | **$101k** | <https://www.payscale.com> |
| AWS Solutions Architect | $148K–$218K per year | [https://www.glassdoor.com/Salary](https://www.glassdoor.com/Salary/Amazon-Associate-Solutions-Architect-Salaries-E6036_D_KO7,36.htm#:~:text=The%20estimated%20total%20pay%20range,base%20salary%20and%20additional%20pay.) |
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