APPENDIX A

**SCHEDULE OF ON-THE-JOB TRAINING WORK PROCESSES**

DEVELOPER APPRENTICE ([Software Developer, Applications](https://www.onetonline.org/link/summary/15-1132.00))

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|  | **Approximate Hours** | |
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| 1. Orientation | | **(40 HOURS)** |
| 1. General, introduction to NewWave and their facilities | | |
| 1. Employee Rules | | |
| 1. Company Policies | | |
| 1. Company Operations | | |
| 1. Roles and Responsibilities of Team Members | | |
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| 1. applications Design, development, and testing | | **(1000 HOURS)** |
| 1. Work independently and with others to determine design specifications or details for application projects. | | |
| 1. Apply computer science principles to modify existing software to correct errors, allow it to adapt to new hardware, or to improve its performance. | | |
| 1. Analyze client needs and software/application requirements to determine feasibility of design within time and cost constraints. | | |
| 1. Confer with systems analysts, engineers, programmers and others to design systems and to obtain information on project limitations and capabilities, performance requirements, and interfaces. | | |
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| 1. development of data solutions | | **(1000 HOURS)** |
| 1. Store, retrieve, and manipulate data for analysis of system capabilities and requirements. | | |
| 1. Implement cloud based security practices, such as user authentication and authorization. | | |
| 1. Develop and direct software system testing and validation procedures, programming, and documentation. | | |
| 1. Identify data sources needed to support application and reporting needs | | |
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| 1. Incident management and response | | **(800 HOURS)** |
| 1. Develop and understanding of the incident response process and associated responsibilities. | | |
| 1. Troubleshoot software incidents for flexible and time-sensitive solutions. | | |
| 1. Work with DevOps to identify weakness and assess changes and improvements to incident response procedures. | | |
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| 1. **CUSTOMER EXPERIENCE/DIGITAL APP DESIGN** | | **(160 HOURS)** |
| * 1. Consult with customers about software system design and maintenance. | | |
| * 1. Analyze information from customers to determine, recommend, and plan application specifications and designs. | | |
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| Total hours | | **3000 HOURS** |

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