EO 001.04 - Analyze Data Networking

001.04.02- Describe IP Network Protocols

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| **Conditions** | | | | **Sequence** |
| Classroom with Workstations and Projector | | | | After LO 001.04.01 |
| **Time** | | **Classification** | | **Instructor** |
| 50 Minutes | | Unclassified | | TDL 300 Qualified Instructor |
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| **Learning Objectives** | | | | **Method** |
| 1) TCP  2) UDP  3) Multicast  4) Unicast  5) RARP | | | | * Reading Assignment * Interactive Lecture * Confirmation Questions * Best Summary |
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| **Scenario** | Nil | | | |
| **Activity**  **Steps** | **Introduction** –  This is a basic introduction of IP Network Protocols that could be employed in TDL Networks.  **Activity -**   1. Students to read workbook section \*\* material for each learning objective. 2. Instructor will deliver an interactive lecture for LOs 1, 2, 3, 4 and 5 to include confirmation questions at the end to solidify the knowledge. 3. Instructor will conduct confirmation activity using document EO 001.04.02 - IP Network Protocols.ppt     **Conclusion** –   1. each student will conduct best summary activity where they will summarize their main takeaways from the lesson. | | | |
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| **Resources** | | | **References** | |
| 1) Power Point Slides  2) TDL Workbook  3) Confirmation Questions  4) TDL Tool Kit | | | 1) COMPTIA A+  2) COMPTIA Network +  3) Various internet sources  4) AIT Manual | |
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| **Notes to Instructor** | | | | |
| * Refer to AIT Manual for best practices to conduct Best Summary. * Data Networking can be a very complex subject. Keep discussions and points to the basic level and ensure you understand the subject prior to delivering the lecture. | | | | |