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Professor Cannistra  
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Internetworking

**Challenge Lab: Lab Report**

1. **VLANs**:  
   **A screenshot of a computer

   Description automatically generated with medium confidence**
2. **STP:  
   A picture containing text, screenshot, font, document

   Description automatically generated  
   A picture containing text, screenshot, font, number

   Description automatically generated**
3. **Ether Channel:  
   A screenshot of a computer program

   Description automatically generated with medium confidence**
4. **InterVLAN Routing with SVIs:  
   A screenshot of a computer

   Description automatically generated with medium confidence**
5. **Default Static Route:**
6. **Dynamic Routing:  
   A picture containing text, screenshot, font, number

   Description automatically generated**
7. **Default Route Injections:  
   A screenshot of a computer

   Description automatically generatedshown from Dallas Router**

**11. DNS Server:**  
**A screenshot of a computer

Description automatically generated with medium confidence**

**14. Routed Switch Interfaces:   
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Description automatically generated**

**15. VTP:  
A screenshot of a computer program

Description automatically generated with low confidence**

**16. IPv6:  
A screenshot of a computer program

Description automatically generated with medium confidence**

I understand that I was not able to complete every single part of the challenge lab, as I had trouble trying to get the remaining things working, even after hours of troubleshooting.