WCIT IT Curriculum Development Toolkit
Step 5: Assignment Sample

Assignment Title: Careers in Network Design and Administration

Assignment Type: Research and Presentation

Student Instructions/Information (including assignment description/overview/purpose, process for completing assignment, criteria for success)

Your company needs to begin hiring interns to help support their network. Unfortunately, it is difficult to find students that are interested in being summer interns in the field of network support. Your company president learns that you have a relationship with the local high school network support program. She asks you to form a team and design a brochure that explains to high school students what the field of Network Design and Administration is all about. You are also supposed to attract these students into this field as possible future interns. You must come up with a presentation and accompanying publication that does the following:

- Explains the field of Network Design and Administration
    - What kind of work does a person in this field do? What kind of companies can he/she work for?

- Explains possible career pathways
    - Explain what kind of training one needs to get an entry level job as a **network technician** (include certifications and degrees)
    - Discuss the pay ranges for entry level technicians
    - Discuss how much a technician can expect to earn with 5 years of experience and what kinds of things he/she might do with that much experience that are different from entry level

- Provides a persuasive argument for why network administration is a good field to go into

- Provides a comprehensive list of web and other resources that you recommend for excellent information about this field

Your presentation and publication will be assessed on how well you meet the above requirements.

Resources students can use to complete the assignment
- NWCET IT career education site: www.cybercareers.org At this site students can access network design and administration career overviews, an IT interest inventory, and sample job descriptions