Impact of Digital Technology on Careers (Traditional vs Non-traditional)

IT-IDT-2 - Explore, research, and present findings on positions and career paths in technology and the impact of technology on chosen career area.

    2.3 Explore the impact of digital technology on careers including non-traditional technology fields and careers in each of the Georgia Career Clusters.

Assignment – Save As: Last Name Non-traditional in **Employability folder**

Non-Traditional IT Careers

Part I: Traditional vs Non-traditional Careers

Assignment Overview – Traditional vs Non-traditional Careers
1. Start researching/identifying traditional and non-traditional careers
2. Gather information on the following:
   - Traditional Information Technology (IT) careers
   - A new technology career that has been created due to emerging technology
   - A long-standing career in which technology has impacted the work force
3. Once information is gathered, create a professional assignment of choice to showcase understanding of standard / assignment

NOTE: Web resources provided will assist in completing assignments. If web links do not work or provide information needed, use other web resources to assist in completing the assignment.

What is the definition of a non-traditional career?
Working in a field or pursuing a degree program in which the total population is comprised of 25% or less of one gender.

Why choose the non-traditional career path?
- Interesting and rewarding
- Higher wages and better benefits
- Opportunities for more advancement and job satisfaction
- Alternative path to economic independence

Examples of non-traditional fields and majors:

Women	Men
Criminal Justice	Early Childhood Education
Radio/TV Broadcasting	Nursing
Computer Technology	Physical Therapy
Culinary Arts	Human Services
Electrical Technology	Paralegal Services
Engineering	Dental Hygiene
Construction Technology	

Directions:
1. Give examples on ways technology has impacted traditional and non-traditional careers (the career you selected). **Give at least 5 examples.**
2. After giving examples do the following:
   - Identify (research) a ***traditional IT career*** using a variety of website resources (see links below)
     - a. 5 Facts about IT career

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➢ Identify (research) **new technology careers** that are being implemented. In other words, what are some new careers being developed due to changes in careers (i.e. technology)
   a. 5 Facts about this **new** IT career
   b. How has computing enabled new careers to be developed?

➢

➢ Identify (research) **long-standing careers** (one that has been around but has changes in the work force) that integrate technology into the work force (i.e. nursing, mechanics, farmers, etc.)
   a. How is technology being used in this career?
   b. Facts about how this career is integrating technology
   c. How has technology enhanced this career

Combine research findings into professional presentation of choice.

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Resource links: If these links do not work, try others of your choice

Yahoo Careers

http://careers.yahoo.com

The Wall Street Journal: Career Journal

www.careerjournal.com

Occupational Outlook Handbook

https://www.bls.gov/ooh/

Computer Science Career Guide

http://www.khake.com/page17.html

Computer Jobs

http://www.computerjobs.com/us/en/IT-Jobs/

The Department of Labor's Career One Stop – excellent source of career information and includes career assessment tools - http://www.careeronestop.org/ExploreCareers/ExploreCareers.aspx

The Department of Labor - https://www.bls.gov/k12/content/students/careers/career-exploration.htm

Virginia Career View – Vital Information for Education and Work - http://www.vaview.vt.edu/clusters/inf/

Non-traditional Careers for Men and Women – www.iseek.org/careers/menandwomen.html

Non-traditional Careers for Men and Women – https://www.careerwise.mnscu.edu/careers/menandwomen.html

Search engine - www.google.com

Virtual Job Shadow – use your school's student account login information to activate this website. http://www.virtualjobshadow.com/