

Manufacturing

Northern Tier Regional Planning & Development Commission

Overview

The manufacturing industry offers a tremendous variety of available positions. Join employees from Procter and Gamble, Wardflex and DuPont as they share insight into some of these interesting and rewarding careers in manufacturing.

Discussion/Questions

1. All three of the companies in this segment mentioned the importance of safety and prided themselves on sustaining the least amount of injuries, if any, on site. Why is this so important to them? How can safe working conditions affect the employees as well as the community?
2. The manufacturing industry utilizes a variety of skill sets in order to create and distribute a quality product. What types of personal characteristics as well as work habits must each person possess in order to utilize their diverse skills in the most efficient manner?
3. One of the managers from Procter and Gamble referred to himself and the other employees as business owners. Why do you think Procter and Gamble wants each of their employees to consider themselves business owners? How would this impact the company as well as the employees?

Activities

1. With so many possible positions in manufacturing, it is very easy to find the perfect fit for all types of employees. What are your strongest characteristics? Are you mechanically inclined? Do you like to work with customers or would you prefer working in a warehouse or plant? Determine which characteristics you possess and then relate them to one of the many jobs offered in manufacturing. Search through local newspapers to determine if there are positions for this particular job within manufacturing in your area. What are the starting salaries? Are there any benefits? Is it part-time or full-time employment?
2. There were a number of job opportunities mentioned that are available in manufacturing. With your classmates, create a list of as many as you can remember. What role does each person play in creating a quality product? Take one product that a particular company creates. Follow this product through the stages from start to finish. Determine at which point each of the different employees would play a role. Present your information creatively on a poster board in order to demonstrate each person's role as well as their part in a team operation.
3. With the diverse types of careers offered in manufacturing, there is also diversity in the educational requirements. Choose three careers that are of interest to you in manufacturing. Contact your guidance counselor and determine what types of courses are required. What colleges offer these courses and/or degrees? Are there are courses or technical training that you could start now?

Academic Standards

13.4.11.B. Analyze entrepreneurship as it relates to personal character traits.

13.3.11.A. Evaluate personal attitudes and work habits that support career retention and advancement.

13.2.11.E. Demonstrate, in the career acquisition process, the application of essential workplace skills/knowledge, such as, but not limited to: Commitment, Communication, Dependability, Health/safety, Personal initiative, Self-advocacy, Scheduling/time management, Team building, Technical literacy, Technology

13.2.11.B. Apply research skills in searching for a job.

CareerLinks, Internet (i.e. O*NET), Networking, Newspapers, Professional associations, Resource books (that is *Occupational Outlook Handbook*, *PA Career Guide*)

13.1.11.B. Analyze career options based on personal interests, abilities, aptitudes, achievements and goals

13.1.11.F. Analyze the relationship between career choices and career preparation opportunities, such as, but not limited to: Associate degree, Baccalaureate degree, Certificate/licensure, Entrepreneurship, Immediate part/full time employment, Industry training, Military training, Professional degree, Registered apprenticeship, Tech Prep, Vocational rehabilitation centers

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