### Unit 3 - Week 1: Introduction to Manufacturing Processes

#### Assignment 1

**Due on**: 01.02.14, 20:00 HST.

**Assignment**: Answer the following questions.

<table>
<thead>
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<th>Question</th>
<th>Points</th>
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| 1. What does the term 
  "manufacturing" refer to? | 2 |
| 2. What is the difference between 
  "production" and "manufacturing"? | 2 |
| 3. What are the three main types of 
  manufacturing processes? | 2 |
| 4. What is the importance of 
  safety in manufacturing processes? | 2 |
| 5. What is the role of 
  automation in manufacturing processes? | 2 |

**Accrued Answers**

1. Production: The transformation of raw materials into finished goods.
3. Types: Casting, forming, machining.
4. Importance includes reducing injuries and accidents.
5. Reduced labor, increased efficiency, quality control.