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**ELEC4010T**  
**Business for Electronic Engineers**  
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# 1 Business Organization Basics

## 1.1 What is a Business?

### ★ Definition

A business is an entity that **offers products to customers in return for profits**. It can manifest in different structures, such as sole proprietorships, partnerships, corporations, and cooperatives. The main objective of a business is to create profit by satisfying the desires and requirements of its customers.

Products can be classified as either **goods** (tangible items) or **services** (intangible offerings), or potentially a mix of the two. The essential factor is that the company needs to deliver value to its customers, which subsequently leads to revenue generation.

To understand how businesses operate, it is crucial to initially understand the notion of **economic activity**. Economic activity involves all processes related to the production, distribution, and consumption of goods and services, fundamentally any action that generates value within an economy. Businesses serve as the main means by which economic activity is structured in modern society, as they combine various inputs to produce goods or services for profit.

Economic activities are commonly grouped into three main sectors, each playing a distinct role in the overall economy:

1. **Primary Sector**: Responsible for **extracting and harvesting natural resources** (e.g., agriculture, mining, forestry, fishing). Although it accounts for only about 3% of US GDP, it forms the base of the economy by supplying raw materials to other sectors.
2. **Secondary Sector**: Involves the **manufacturing and processing of raw materials into finished goods** (e.g., construction, manufacturing, utilities). This sector, making up roughly 16% of US GDP, adds value by transforming basic resources into products for consumers and businesses.
3. **Tertiary Sector**: Focuses on **providing services to consumers and businesses** (e.g., trading, merchandising, transportation, finance, healthcare, education). As the largest sector in modern economies (about 81% of US GDP), it supports both the primary and secondary sectors and fulfills a wide range of consumer needs.

In the simple 2-sector model, the economy is divided into two main sectors: the **business sector** and the **household sector**. The business sector produces goods and services to the market by deciding what to produce, how to produce, and for whom to produce. The household sector consumes these goods and services, providing the necessary factors of production (such as labor, capital, and land) to the business sector in exchange for income. This interaction between the two sectors creates a continuous flow of goods, services, and money, driving economic activity.

To elucidate how economic activity is structured, examine the simple two-sector model of the economy. In this model, the economy is split into the **business sector** and the **household sector**. The business sector is in charge of providing products and services, determining essential choices regarding **what, how, and for whom to manufacture to the market**. The household sector supplies crucial **factors of production** like labor, capital, and land to companies in return for income, which it then uses to purchase the goods and services created. This constant interaction generates a steady stream of resources, goods, and finance, establishing the foundation of economic operations.

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From an operational standpoint, businesses themselves can be grouped based on the nature of their activities:

1. **Manufacturers:** Transform raw materials and components into finished goods, adding value through production processes.
2. **Merchandisers:** Act as intermediaries by purchasing finished goods and reselling them without significant transformation, bridging the gap between manufacturers and end consumers.
3. **Service Providers:** Deliver intangible value by offering services rather than physical products, such as consulting, healthcare, or education.

### 1.2 Legal Forms of Business Organization

A company can exist in various legal structures, each providing distinct **ownership structures**, **liability assignments**, and **taxation rules**. Governments establish various legal structures for business organization to ease the formation and functioning of businesses while maintaining accountability. The most common legal structures of business organization comprise:

1. **Sole Proprietorship:** One individual owns and operates the business.
2. **Partnership:** Two or more individuals share ownership and management responsibilities.
3. **Corporation:** Company incorporated as "legal entity".
4. **Limited Liability Company (LLC):** A hybrid structure combining elements of corporations and partnerships.

Sole proprietorships and partnerships lack a distinct **legal identity** from their owners, which means the owners are personally responsible for the debts and obligations of the business. Conversely, corporations and LLCs are separate legal entities that offer limited liability protection to their owners, signifying that the personal assets of the owners are usually safeguarded against business debts.

Additional types of business organization include **company limited by guarantee**, **subsidiary**, **representative office**, **branch office**, and **joint venture**. Every one of these structures carries distinct legal consequences, benefits, and drawbacks that can greatly influence a business's operations, tax responsibilities, and the degree of personal liability encountered by its proprietors. However, our attention is directed toward the four most common types of business organization in this context.