Use the following outline to guide your self-assessment and notetaking

Week 0 – Assumed Background Knowledge

What is a computer?

Hardware architecture

Input/Output

Memory

Central Processing Unit

Categories of software

Operating System

Applications

Types of Data

Analog

Digital

Networks and the Internet

Network structures

Connection types

Internet vs the Web

Universal Resource Identifiers

Binary and other bases

From Decimal to Binary

From Binary to Decimal

How many bits?

Octal

Hexadecimal

Create your own base

Program Development

High vs Low level languages

Tools

Development Environments

Syntax vs Semantics

Errors

Object Oriented Programming

General Problem Solving

Object Oriented Software Principles