

Information & Communication Technology



Compulsory Part

Elective Part



Compulsory Part



- **Unit A : Information Processing**
 - Data Organization and Control
 - Multimedia Elements and Digitization
 - Word Processing
 - Spreadsheet
 - Database
 - Multimedia Presentation



Unit B: Computer System Fundamentals



- - System Unit of a computer system
- Input and Output Devices
- Secondary Storage Devices
- System Software and Application Software



Unit C: Internet and Its Applications

- The Networking Basics
- Communication Software and Protocol
- Internet Services and Applications
- Introduction to HTML
- Elementary Web Authoring



Unit D: Computational Think and Programming



- - Problem Solving Procedures
 - Algorithm Design
 - Algorithm Testing

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```

```
    $("#word-list-out").e(" ");  
    h();  
    var c = l(), a = "", d = parseInt($("#limit_val").a()), f = parseInt($("#limit_val").a());  
    function("LIMIT_total:" + d);  
    function("rand:" + f);  
    d < f && (f = d, function("check rand/word/used/limit:" + f + " / total:" + f));  
    var n = [], d = d - f, e;  
    if (0 < c.length) {  
        for (var g = 0; g < c.length; g++) {  
            e = m(b, c[g]), -1 < e && b.splice(e, 1);  
        }  
        for (g = 0; g < c.length; g++) {  
            b.unshift({use_mystery: "parameter", word:c[g]});  
        }  
    }
```



Unit E: Social Implications



- Equity, Work and Health Issues
- Intellectual Property
- Threats and Security on the Internet



Elective Part



- Module 1: Databases
 - Relational Databases
 - Introduction to Database Design Methodology



Elective Part



- Module 2: Algorithm and Programming
 - Python Programming
 - Algorithm Design
 - Application of Programming in Real Life



HKDSE Examination



- Paper I (55%)
 - 2 hours
 - about compulsory part
- Paper II (25%)
 - 1.5 hours
 - about elective part

School Base Assessment (20%)

- Develop a software for a specific purpose

Enquiry: kcchow@holap.edu.hk

