



## HND Computing: Software Development

### Year One

**Please Note: 1 SQA credit value = 8 credit points**

#### SEMESTER 1

UNIT CODE	UNIT TITLE	Theoretical Teaching Hours/Semester	Practical Teaching Hours/Semester	Credit Points	Mandatory / Option
DH2T 34	Computer Architecture 1	44	-	8	Mandatory
D75X 34	Information Technology: Applications Software 1	-	44	8	Mandatory
DH34 35	Software Development: Event Driven Programming	14	30	8	Option
DH33 34	Computer Operating Systems 1	14	30	8	Mandatory
DH3F 34	Systems Development: Introduction	44	-	8	Option

#### SEMESTER 2

UNIT CODE	UNIT TITLE	Theoretical Teaching Hours/Semester	Practical Teaching Hours/Semester	Credit Points	Mandatory / Option
DH35 34	Computing: Planning	44	-	8	Mandatory
DH34 35	Software Development: Event Driven Programming	14	30	8	Option
D75V 35	Computer Networks: Network Technology and Data Communications	44	-	8	Option
DH3C 35	Software Development: Object Oriented Programming	14	30	8	Option
DM30 35	Project Management 1	14	30	8	Option

#### SEMESTER 3

UNIT CODE	UNIT TITLE	Theoretical Teaching Hours/Semester	Practical Teaching Hours/Semester	Credit Points	Mandatory / Option
DH3C 35	Software Development: Object Oriented Programming	14	30	8	Option
D75V 35	Computer Networks: Network Technology and Data Communications	44	-	8	Option
DH3A 34	Multi User Operating Systems	14	30	8	Option
DH36 34	Computing: Graded Unit 1	44	-	8	Mandatory
DH21 34	Working within a Project Team	4	40	8	Mandatory



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### SEMESTER 4

UNIT CODE	UNIT TITLE	Theoretical Teaching Hours/Semester	Practical Teaching Hours/Semester	Credit Points	Mandatory / Option
DM31 35	Software Development: Array Data Structures	14	30	8	Mandatory
FONO35	Professional Issues in Computing	44	-	8	Mandatory
D76S 35	Software Development: Fourth Generation Environment	14	30	8	Option
DH3G 34	Systems Development: Object Oriented Design (Introduction)	22	22	8	Option
DM32 35	Software Development: Linked Data Structures	14	30	8	Option

### SEMESTER 5

UNIT CODE	UNIT TITLE	Theoretical Teaching Hours/Semester	Practical Teaching Hours/Semester	Credit Points	Mandatory / Option
DM32 35	Software Development: Linked Data Structures	14	30	8	Option
DH2R 34	Multimedia: Developing Multimedia Applications	14	30	8	Option
FONO35	Professional Issues in Computing	44	-	8	Mandatory
D76S 35	Software Development: Fourth Generation Environment	14	30	8	Option
DH32 35	Software Development: Developing for the World Wide Web	14	30	8	Option

### SEMESTER 6

UNIT CODE	UNIT TITLE	Theoretical Teaching Hours/Semester	Practical Teaching Hours/Semester	Credit Points	Mandatory / Option
DH32 35	Software Development: Developing for the World Wide Web	-	44	8	Option
DH2R 34	Multimedia: Developing Multimedia Applications	14	30	8	Option
DH39 34	Internet: Introducing E-Commerce	40	4	8	Option
DN4N 35	Computing: Software Development Graded Unit 2	-	88	16	Mandatory