

## Lesson Plans

Year	Semester 1	Semester 2	Semester 3
1	<ul style="list-style-type: none"> <li>- General education 6 credits</li> <li>- Discrete Mathematics</li> <li>- Digital Computer and Logic</li> <li>- Principles of Computer Programming</li> <li>- Computer Organization and Architecture</li> </ul> <p style="text-align: right;">Total 18 credits</p>	<ul style="list-style-type: none"> <li>- General education 6 credits</li> <li>- Numerical Computation and Probability</li> <li>- Database System</li> <li>- Operating System</li> <li>- Object-oriented Programming</li> </ul> <p style="text-align: right;">Total 18 credits</p>	
2	<ul style="list-style-type: none"> <li>- General education 9 credits</li> <li>- Calculus and Analytic Geometry</li> <li>- Abstract Data Types and Problem Solving</li> <li>- Human-Computer Interaction</li> <li>- Computer Policy and Ethics</li> </ul> <p style="text-align: right;">Total 21 credits</p>	<ul style="list-style-type: none"> <li>- General education 9 credits</li> <li>- Mathematics and Statistics for Computer Technology</li> <li>- Multimedia and Computer Graphic</li> <li>- Data Communication and Computer Networking</li> <li>- Microprocessor and Microcontroller</li> </ul> <p style="text-align: right;">Total 21 credits</p>	
3	<p><b>Web and Mobile Technology Field</b></p> <ul style="list-style-type: none"> <li>- Mobile Operating Systems and Basic Application Programming</li> <li>- Web Application Development</li> <li>- Mobile Application Development</li> <li>- Web Technology</li> <li>- Smart Machine</li> <li>- English for Computer Technology 1</li> </ul> <p style="text-align: right;">Total 18 credits</p>	<p><b>Web and Mobile Technology Field</b></p> <ul style="list-style-type: none"> <li>- Cross Platform Application Development</li> <li>- Embedded Systems and Programming</li> <li>- Cloud Computing</li> <li>- Web Service Technology</li> <li>- Software Engineering</li> <li>- English for Computer Technology 2</li> <li>- Big Data</li> </ul> <p style="text-align: right;">Total 21 credits</p>	
	<p><b>Computer and Network Technology Field</b></p> <ul style="list-style-type: none"> <li>- Local Area Network System</li> <li>- Network Analysis and Design</li> <li>- Computer and Network Support</li> <li>- TCP/IP Network System</li> <li>- Smart Machine</li> <li>- English for Computer Technology 1</li> </ul> <p style="text-align: right;">Total 18 credits</p>	<p><b>Computer and Network Technology Field</b></p> <ul style="list-style-type: none"> <li>- Network System Security</li> <li>- Computer and Network Support</li> <li>- Internet Server Management and Maintenance</li> <li>- Internet Administration and Services</li> <li>- Software Engineering</li> <li>- English for Computer Technology 2</li> <li>- Microcomputer Maintenance</li> </ul> <p style="text-align: right;">Total 21 credits</p>	

Year	Semester 1	Semester 2	Semester 3
4	<ul style="list-style-type: none"> <li>- Pre-practicum Co-operative Education in Computer Technology</li> <li>- Computer Technology Research Project 1</li> <li>- Special Topics in Computer Technology</li> </ul> <p style="text-align: right;">Total                    5 credis</p>	<ul style="list-style-type: none"> <li>- Co-operative Education in Computer Technology</li> <li>- Computer Technology Research Project 2</li> <li>- Technology Seminar for Applications</li> </ul> <p style="text-align: right;">Total                    11 credis</p>	