

University of Computer Studies(Taunggyi)

FC-401 (Operation Research (Part II))

| Subject Code | Subject | Description | Lecture Hour | Accessment |
|---------------------|--------------------|---|-----------------------------|---------------------------------|
| FC-401 | Operation Research | <p>Queueing Theory</p> <ul style="list-style-type: none">• Basic Structure of Queueing Model• The Role of Exponential Distribution• The Birth and Death Process• Queueing Models Based on the Birth and Death Process <p>Simulation</p> <ul style="list-style-type: none">• The essence of Simulation• Generation of Random Numbers• Generation of Random Observations from a Probability Distribution | 24 hours (2 credit Unit) | Assignment - 20% Exam. – 80% |

Text book :

Introduction to Operation Research 9 th edition, by FREDERICK S. HILLER and
GREALD J. LIEBERMAN