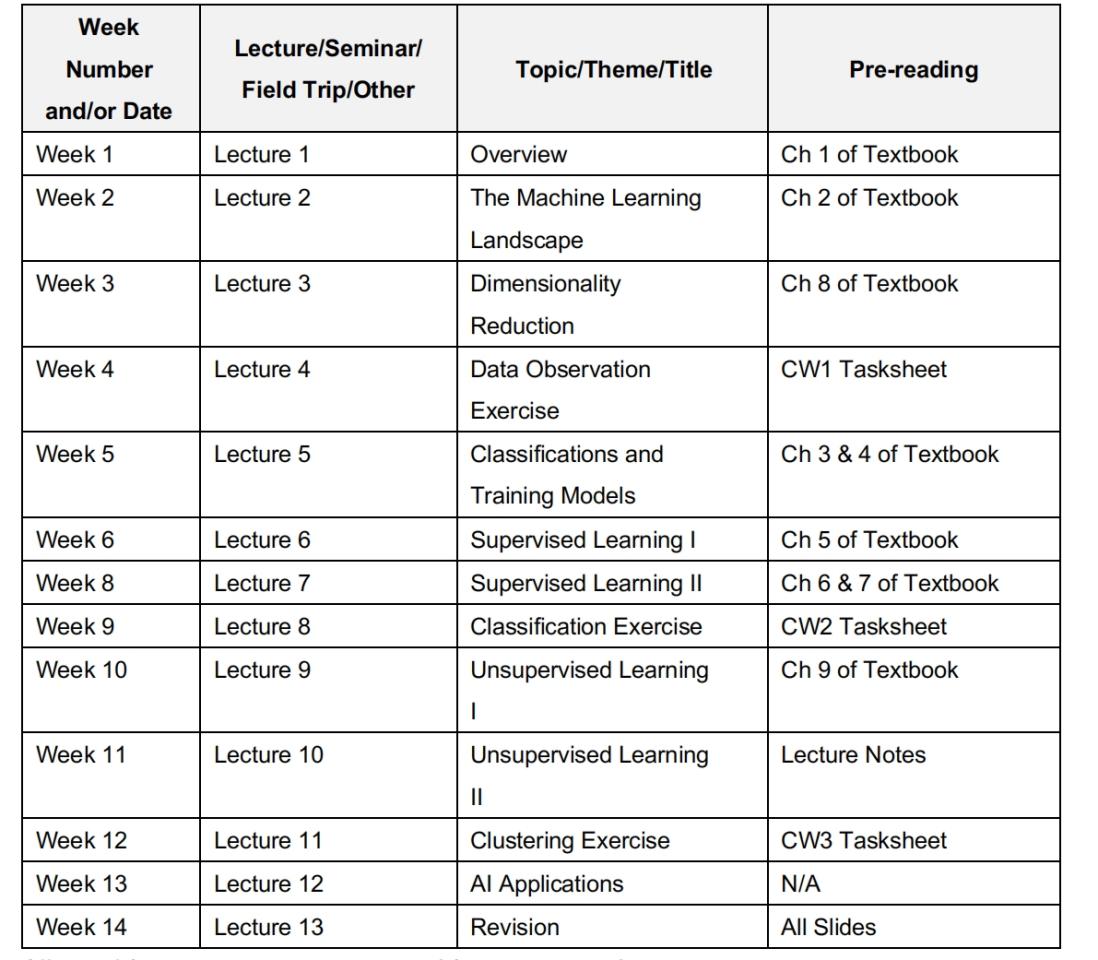
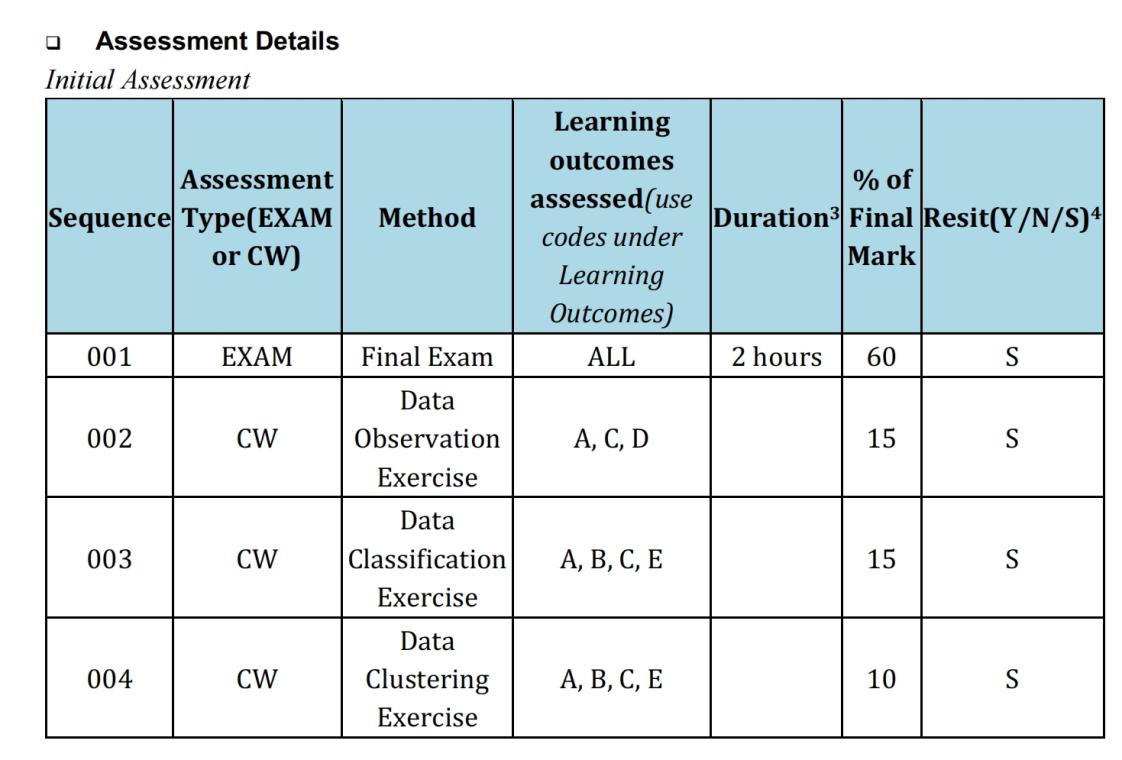
***INT104: Introduction to Artificial Intelligence***

*1 Introduction*

*1.1 Teaching Plan*

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*1.2 Assessment*

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*About Final exam*

*----Open book exam (2 hours)*

*---- MCQ: 54 Marks*

*---- Filling blanks: 24 Marks*

*---- Computation: 14 Marks*

*---- Essay Question: 8 Marks*

*1.3 Machine Learning : If a computer program improves its performance on task T measured by score function P , then we say its has learned some experience E.*

*1.3.1 Types of ML*

*Supervised Learning -- label available in training*

*Unsupervised Learning -- label unavailable in training*

*Semi-supervised Learning -- label partially available in training*

*Reinforcement Learning -- Use (s,a,s’,r ) from Bellman to maximize*

*1.3.2 How to select a model with good performance on task T ?*

*Train: Training Datasets /Testing Datasets*

*Score: Validation Datasets----Training datasets should not overlap with validation datasets*