1. Mathematics
   a. Calculus I
   b. Calculus II
   c. Differential Equations
   d. Statistics
   e. Numerical Computations
   f. Advanced Calculus
   g. Linear Algebra
   h. Linear Algebra Advanced

2. Signal Processing
   a. Signals and Systems
   b. Digital Signal Processing
   c. Digital Image Processing
   d. Computer Vision

3. Programming
   a. Fundamentals of Programming
   b. Computer Architecture
   c. C++
   d. Python Basics
   e. Python Intermidiate
   f. Python OOP
   g. Data Structure

   h. Database Design & My SQL
   i. My SQL Advanced
   j. Linux Basics
   k. Linux Advanced
   l. Docker
   m. Git

4. Algorithms
   a. Machine Learning
      I.
      II.
      III.
   b. Deep Learning
      I.
      II.
      III.
      IV.
      V.

Term I:

Calculus I
Fundamentals of Programming
Computer Architecture
C++

Term II:

Calculus II
Differential Equations
Statistics
Python Basics
Python Intermediate

Term III:

Numerical Calculations
Advanced Calculus
Linear Algebra
Python OOP
Data Structure

Term IV:

Machine Learning   I, II, III
Linear Algebra Advanced
Signals and Systems
Database Design & MySQL
Linux Basics

Term V:

Deep Learning I, II, III,
Digital Signal Processing
Digital Image Processing
MySQL Advanced

Term VI:

Deep Learning   IV, V
Computer Vision
Linux Advanced
Docker
Git

Approximation: 3 Hours a day, 6 Days a week, 15 weeks a Term