RUBY

- Introduction to RUBY
- Environment
- Syntax
- Variables
- Operators
- Comments
- Conditional Statements
  - if
  - if..else
  - if...elsif..else
  - if modifier
  - unless Statement
  - unless modifier
  - case Statement
- Loops
  - while Statement
  - while modifier
  - until Statement
  - until modifier
  - for Statement
  - break Statement
  - next Statement
  - redo Statement
  - retry Statement
  - Methods
  - Blocks
  - yield
  - Blocks and Methods
  - BEGIN and END
- Modules
  - require
  - include
  - Mixins in Ruby
- Strings
- Arrays
  - Built-in Methods
- Hashes
  - Built-in Methods
- Date & Time
  - Current Date and Time
  - components
  - Time.utc, Time.gm and Time.local Functions

- Timezones and daylight savings time
- Formatting Times and Dates
- Time Formatting Directives
- Time arithmetic

Ranges
- Sequences
- Conditions
- Intervals

Iterators
- each
- collect

File I/O
- puts
- gets
- putc
- print
- Opening and Closing Files
- Reading and Writing Files
- Renaming and Deleting Files
- File Modes and Ownership
- File Inquiries
- Directories in Ruby
- Built-in Functions

Ruby Exceptions
- retry Statement
- raise
- ensure
- else
- Catch and Throw
- Class Exception

RUBY ADVANCED

Classes
- Instance Variables
- Class Variables
- Global Variables
- Constants

OBJECT ORIENTED
- class definition
- ruby objects
- initialize method
- instance variables
- accessor & setter methods
- instance methods

class methods & variables
to_s Method
Access Control
Class Inheritance
Methods Overriding
Operator Overloading
Freezing Objects
Class Constants
Create object using allocate
Class Information