Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
INF400	Compilation	7	3	0	0	3	5

Prerequisites	INF103
Admission Requirements	INF103

Language of Instruction	
Course Type	
Course Level	Bachelor Degree
Objective	
Content	
References	

Theory Topics

Week	Weekly Contents
1	Introduction
2	Lexical analysis
3	Language and grammar
4	Introduction to lex/flex
5	Parse Trees
6	Syntax analysis: introduction
7	Syntax analysis: Top-Down Parsing
8	Syntaxic analysis: Bottom-Up Parsing
9	Introduction to YACC / javaCC
10	Semantic analysis
11	Syntax-Directed Translation
12	Type checking and Symbol-Table Management
13	Code Generation
14	Code Optimization