

# COURSE DETAIL

## NUMERICAL ANALYSIS II

**Country**

Ireland

**Host Institution**

University of Galway

**Program(s)**

Irish Universities,National University of Ireland, Galway,University of Galway

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Mathematics

**UCEAP Course Number**

115

**UCEAP Course Suffix****UCEAP Official Title**

NUMERICAL ANALYSIS II

**UCEAP Transcript Title**

NUM ANALYSIS 2

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

**Course Description**

This course explores polynomial interpolation and its applications in numerical integration, numerical differentiation, splines, and finite element methods for ODEs as well as implementation of methods.

**Language(s) of Instruction**

English

**Host Institution Course Number**

MA378

**Host Institution Course Title**

NUMERICAL ANALYSIS II

**Host Institution Course Details****Host Institution Campus**

National University of Ireland, Galway

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Mathematics

**Course Last Reviewed**

[Print](#)