

Subject Computer Programming

Course number : DMP180E

Instructor : Ass. Prof. Takahiro SAYAMA

Term / Time : Fall through Winter

1 Course Description

This course provides general knowledge on computer programming and its skills for computation solving water-related problems covered in Course No. DMP280E “Basic Hydrology”, No. DMP281E “Hydraulics”, No. DMP380E “Advanced Hydrology” and No.DMP381E “Flood Hydraulics and Sediment Transport”.

2 Course Outline (Course Topics)

Week

- 1 : Programming Language (1)
- 2 : Programming Language (2)
- 3 : Programming Language (3)
- 4 : Programming Language (4)
- 5 : Programming Language (5)
- 6 : Numerical Computation (1)
- 7 : Numerical Computation (2)
- 8 : Numerical Computation (3)
- 9 : Numerical Computation (4)
- 1 0 : Numerical Computation (5)
- 1 1 : Numerical Computation (6)
- 1 2 : Numerical Computation (7)
- 1 3 : Numerical Computation (8)
- 1 4 : Numerical Computation (9)
- 1 5 : Numerical Computation (10)

3 Grading

Reports (100%)

If a report is late for the deadline, it will be not evaluated.

4 Textbooks

4-1 Required

4-2 Others