Numerical Physics
part of EENP (PHY2063)

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Few models in physics soluble using paper and pen, so need to solve model on computer to make predictions from model

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Get program to give right answer by learning how to:

1) Write
2) Debug
3) Test – using example where answer known
4) Determine accuracy

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Assignment 0: ODEs **(Mon 26th, wk 4)**

Tasks 1, 2 and 3 then Assignment

Assignment 1: Monte Carlo

Assignment 2: PDEs

Fortran

but skills transferable to other numerical physics problems and other languages