

Brush up your Math, Programming, Control Engineering

- info for AMK, Applied Sciences students

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Is the theory basis of your previous science studies on strong grounds? Do you need to brush up your skills ?

- Mathematics
- Programming
- Control Engineering

Bachelor studies in Math, Programming, Control Engineering – in Finnish

- Sähkötekniikan kandidaattiohjelma, perusopinnot
 - <https://into.aalto.fi/display/fikandelec/Yhteiset+perusopinnot+2018-2020>
 - MS-A000x Matriisilaskenta
 - MS-A010x Differentiaali- ja integraalilaskenta 1
 - MS-A020x Differentiaali- ja integraalilaskenta 2
 - *periodi I, III, IV*
 - MS-C1420 Fourier-analyysi,
 - *periodi I*
 - MS-A050x Todennäköisyyslaskennan ja tilastotieteen peruskurssi

Bachelor studies in Math, Programming, Control Engineering – in Finnish

- Sähkötekniikan kandidaattiohjelma, perusopinnot
 - <https://into.aalto.fi/display/fikandelec/Yhteiset+perusopinnot+2018-2020>
 - CS-A111 Ohjelmoinnin peruskurssi Y1, *periodit I-II*
 - CS-A1110 Ohjelmointi 1, *periodi I-II*
 - ELEC-A7100 C-ohjelmoinnin peruskurssi,
 - *periodi III-IV*

Bachelor studies in Math, Programming, Control Engineering – in English

- <https://into.aalto.fi/display/enbsctech/Digital+Systems+and+Design>
- MS-A0011 Matrix algebra,
 - period II
- MS-A0111 Differential and integral calculus 1,
 - period I
- MS-C1421 Fourier analysis,
 - period IV
- MS-A0211 Differential and integral calculus 2
 - period III
- MS-A0503 First course in probability and statistics,
 - period III

Bachelor studies in Math, Programming, Control Engineering – in English

- <https://into.aalto.fi/display/enbsctech/Digital+Systems+and+Design>
- CS-A1113 Basics in Programming Y1,
 - period I-II
- ELEC-A7100 Basic course in C-programming,
 - period III-IV

Bachelor studies in Control Engineering

- <https://into.aalto.fi/display/fikandelec/Automaatio+ja+systemitekniikka+2018-2020>
- ELEC-C1230 Sääntötekniikka,
 - periodit III-IV
- <https://into.aalto.fi/display/enbsctech/Digital+Systems+and+Design>
- ELEC-C8201 Control and Automation,
 - periods III-IV

Other courses

- ELEC-A7200 Signals and systems (in Finnish)
 - *Periods I-II*

Have a nice start with your Autumn term!