

Laskennallisen tekniikan koulutusohjelman opintojaksomuutokset 2016-2017

UUDET OPINTOJAKSOT:

BM40A1400	GPGPU Computing	6 ECTS cr
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MUUTTUVAT OPINTOJAKSOT:

Uusi opintojakso		Korvaa opintojakson		
BM10A0601	Research Methods, Laboratory Project	1-6 ECTS cr	BM10A0600	Research Methods, Laboratory Project 1-5 ECTS cr
BM10A0801	Computational Engineering and Technical Physics: Low- and High-Frequency Inverse Imaging	3 ECTS cr	BM10A0800	Computational Science and Physics: Advanced Topics in Material Science 3 ECTS cr
BM10A1100	Advanced Methods in Mathematics, Computing and Physics	3-6 ECTS cr	BM20A3801	Advanced Mathematical Methods 3-6 ECTS cr
BM20A6200	Inverse Problems and Normed Spaces 6 ECTS cr	6 ECTS cr	BM20A2500	Linear Algebra and Normed Spaces 3 ECTS cr
			BM20A5600	Inverse Problems and Sparse Transforms 6 ECTS cr
BM20A6300	Nonlinear Optimization	6 ECTS cr	BM20A2800	Nonlinear Optimization 4 ECTS cr
			BM20A4500	Evolutionary Computation 5 ECTS cr
BM40A0101	Tietojenkäsittelyn perusteet	6 op	BM40A0100	Tietojenkäsittelyn perusteet 5 op
BM40A0201	Tietojenkäsittelytieteen perusteet	6 op	BM40A0200	Tietojenkäsittelytieteen perusteet 5 op
BM40A0301	Tietorakenteet ja algoritmit	6 op	BM40A0300	Tietorakenteet ja algoritmit 5 op
BM40A0501	Johdatus laskennalliseen älykkyyteen	6 op	BM40A0500	Johdatus laskennalliseen älykkyyteen 5 op
BM40A0601	Tietokonegrafiikan perusteet	6 op	BM40A0600	Introduction to Computer Graphics 5 ECTS cr
BM40A0701	Pattern Recognition	6 ECTS cr	BM40A0700	Pattern Recognition 7 ECTS cr
BM40A0801	Machine Vision and Digital Image Analysis	6 ECTS cr	BM40A0800	Machine Vision and Digital Image Analysis 7 ECTS cr
BM40A0901	Computer Vision	6 ECTS cr	BM40A0900	Computer Vision 7 ECTS cr
BM40A1001	Seminar on Intelligent Computing	3 ECTS cr	BM40A1000	Seminar on Intelligent Computing 4 ECTS cr
BM40A1201	Digital Imaging and Image Preprocessing	6 ECTS cr	BM40A1200	Digital Imaging and Image Preprocessing 7 ECTS cr

POISTUVAT OPINTOJAKSOT:

BM20A4600	Jatkuvat mallit 4 op
BM20A5300	Special Course on Industrial Mathematics 2-5 ECTS cr
BM40A0000	International Summer School in Novel Computing 1-3 ECTS cr
BM40A0400	Systeemiohjelmointi 5 op