

Cluster K

79 topics < 83 hours >

prerequisites in other clusters linked
to topic here: 14successors in other cluster linked to
topic here: 13[Previous](#)prerequisites/successors pairs in this
cluster 88[Next](#)[Up to Index Page](#)Prerequisite Topic ⇒ Successor
Topic

2d visualization < 0.5 hr >	⇒	3d visualization < 1.0 hr >
ac circuits_2 < 3.0 hr >	⇒	impedances & admittances < 1.0 hr >
ac circuits_2 < 3.0 hr >	⇒	linear transformers < 0.5 hr >
ac circuits_2 < 3.0 hr >	⇒	phasors < 1.0 hr >
aesthetics < 0.5 hr >	⇒	marketing of products < 0.5 hr >
ampere`s law < 1.0 hr >	⇒	electromagnetism < 2.0 hr >
annual costs < 0.5 hr >	⇒	cost accounting < 0.5 hr >
atomic physics < 1.0 hr >	⇒	atomic properties of materials < 2.0 hr >
atomic physics < 1.0 hr >	⇒	semiconductors < 0.5 hr >
atomic properties of materials < 2.0 hr >	⇒	electron movement in engineering materials < 1.0 hr >
atomic properties of materials < 2.0 hr >	⇒	electronic structure of materials < 2.0 hr >
atomic properties of materials < 2.0 hr >	⇒	packing of atoms < 1.0 hr >
budget development < 1.0 hr >	⇒	investments < 0.25 hr >
budget development < 1.0 hr >	⇒	product economics < 1.0 hr >
budget development < 1.0 hr >	⇒	properties, prices & availability of materials < 0.5 hr >
budget development < 1.0 hr >	⇒	society & engineering < 2.0 hr >
business plans < 0.5 hr >	⇒	product economics < 1.0 hr >
business plans < 0.5 hr >	⇒	resource modeling < 0.5 hr >
capacitance & capacitors < 0.5 hr >	⇒	elements in series & in parallel < 1.0 hr >
capacitance & capacitors < 0.5 hr >	⇒	impedances & admittances < 1.0 hr >

capacitance & capacitors	< 0.5 hr >	⇒	lumped parameter linear elements	< 2.0 hr >
charge	< 2.0 hr >	⇒	coulomb`s law	< 1.0 hr >
charge	< 2.0 hr >	⇒	electron movement in engineering materials	< 1.0 hr >
charge	< 2.0 hr >	⇒	electronic structure of materials	< 2.0 hr >
complex numbers_2	< 0.5 hr >	⇒	phasors	< 1.0 hr >
cost accounting	< 0.5 hr >	⇒	economics of manufacture	< 2.0 hr >
cost accounting	< 0.5 hr >	⇒	investments	< 0.25 hr >
coulomb`s law	< 1.0 hr >	⇒	electric field	< 1.0 hr >
couplings	< 0.5 hr >	⇒	linear transformers	< 0.5 hr >
economics of manufacture	< 2.0 hr >	⇒	stochastic effects on quality/rate /cost/flexibility	< 1.0 hr >
economics of manufacture	< 2.0 hr >	⇒	tqm	< 0.5 hr >
electric current	< 2.0 hr >	⇒	ac circuits_2	< 3.0 hr >
electric current	< 2.0 hr >	⇒	electromagnetism	< 2.0 hr >
electric current	< 2.0 hr >	⇒	electron movement in engineering materials	< 1.0 hr >
electric current	< 2.0 hr >	⇒	resistance	< 1.0 hr >
electric field	< 1.0 hr >	⇒	electric potential	< 0.5 hr >
electric field	< 1.0 hr >	⇒	electron movement in engineering materials	< 1.0 hr >
electric field	< 1.0 hr >	⇒	electronic structure of materials	< 2.0 hr >
electric field	< 1.0 hr >	⇒	faraday`s law of induction	< 1.0 hr >
electric field	< 1.0 hr >	⇒	induced magnetic field	< 1.0 hr >
electrical & electronic components	< 1.0 hr >	⇒	elements in series & in parallel	< 1.0 hr >
electromagnetism	< 2.0 hr >	⇒	faraday`s law of induction	< 1.0 hr >
electromagnetism	< 2.0 hr >	⇒	internal forces	< 1.0 hr >
ethics	< 2.0 hr >	⇒	government regulations	< 0.5 hr >
ethics	< 2.0 hr >	⇒	legal issues in engineering	< 1.0 hr >
ethics	< 2.0 hr >	⇒	professionalism in engineering	< 1.0 hr >
ethics	< 2.0 hr >	⇒	society & engineering	< 2.0 hr >
fastener design	< 0.5 hr >	⇒	bolts & rivets	< 0.5 hr >
fastener design	< 0.5 hr >	⇒	classification of joints	< 1.0 hr >

fastener design < 0.5 hr >	⇒	couplings < 0.5 hr >
government regulations < 0.5 hr >	⇒	legal issues in engineering < 1.0 hr >
induced magnetic field < 1.0 hr >	⇒	inductance < 0.5 hr >
inductance < 0.5 hr >	⇒	elements in series & in parallel < 1.0 hr >
inductance < 0.5 hr >	⇒	lumped parameter linear elements < 2.0 hr >
life cycle analysis < 1.0 hr >	⇒	metrics/methods for evaluating designs < 1.0 hr >
light < 1.0 hr >	⇒	diffraction < 0.5 hr >
light < 1.0 hr >	⇒	geometrical optics < 2.0 hr >
light < 1.0 hr >	⇒	lasers < 1.0 hr >
light < 1.0 hr >	⇒	microscopes < 1.0 hr >
light < 1.0 hr >	⇒	optics, geometrical < 2.0 hr >
lumped parameter linear elements < 2.0 hr >	⇒	lumped parameter modeling of physical systems < 3.0 hr >
marketing of products < 0.5 hr >	⇒	metrics/methods for evaluating designs < 1.0 hr >
marketing of products < 0.5 hr >	⇒	product economics < 1.0 hr >
mechanics principles application < 1.0 hr >	⇒	engineering mechanics application < 2.0 hr >
mechanics principles application < 1.0 hr >	⇒	nanomechanics < 1.0 hr >
optics, geometrical < 2.0 hr >	⇒	lasers < 1.0 hr >
phase changes < 1.0 hr >	⇒	phase diagrams < 1.0 hr >
phase changes < 1.0 hr >	⇒	phase equilibrium < 1.0 hr >
phase equilibrium < 1.0 hr >	⇒	phase diagrams < 1.0 hr >
phasors < 1.0 hr >	⇒	impedances & admittances < 1.0 hr >
phasors < 1.0 hr >	⇒	phase equilibrium < 1.0 hr >
photonics < 1.0 hr >	⇒	lasers < 1.0 hr >
process modeling < 1.0 hr >	⇒	production scheduling < 0.5 hr >
product economics < 1.0 hr >	⇒	product modeling < 1.0 hr >
product economics < 1.0 hr >	⇒	production aspects of manufacturing < 0.5 hr >
product economics < 1.0 hr >	⇒	production modeling < 0.5 hr >
production aspects of manufacturing < 0.5 hr >	⇒	inventory control < 0.25 hr >
production scheduling < 0.5 hr >	⇒	inventory control < 0.25 hr >

professionalism in engineering < 1.0 hr >	⇒	professional registration & liability < 0.5 hr >
professionalism in engineering < 1.0 hr >	⇒	society & engineering < 2.0 hr >
professionalism in engineering < 1.0 hr >	⇒	teamwork < 3.0 hr >
properties, prices & availability of materials < 0.5 hr >	⇒	simple structures < 1.0 hr >
resistance < 1.0 hr >	⇒	elements in series & in parallel < 1.0 hr >
resistance < 1.0 hr >	⇒	impedances & admittances < 1.0 hr >
resistors < 1.0 hr >	⇒	lumped parameter linear elements < 2.0 hr >
semiconductors < 0.5 hr >	⇒	nanomechanics < 1.0 hr >
semiconductors < 0.5 hr >	⇒	semiconductor devices < 0.5 hr >
sinusoidal sources_2 < 1.0 hr >	⇒	phasors < 1.0 hr >