Cluster B

69 topics < 84 hours >
prerequisites in other clusters linked
to topic here: 14
successors in other cluster linked to
topic here: 37

prerequisites/successors pairs in this
cluster 87

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Prerequisite Topic ⇒ Successor
Topic

a/d & d/a conversion < 1.0 hr >	⇒	computer data acquisition < 1.0 hr >
a/d & d/a conversion < 1.0 hr >	⇒	measuring instruments < 1.0 hr >
aesthetics_2 < 0.5 hr >	⇒	form & human factors < 0.5 hr >
auxiliary views < 0.5 hr >	⇒	computer aided drafting < 2.0 hr >
circuit analysis_2 < 1.0 hr >	⇒	electronic instruments < 1.0 hr >
circuit laws & applications_2 < 2.0 hr >	⇒	circuit analysis_2 < 1.0 hr >
computer graphics_2 < 1.0 hr >	⇒	computer aided drafting < 2.0 hr >
conservation of energy < 2.0 hr >	⇒	curvilinear kinematics < 2.0 hr >
conservation of energy < 2.0 hr >	⇒	energy & momentum principles < 3.0 hr >
conservation of energy < 2.0 hr >	⇒	energy equations < 1.0 hr >
conservation of energy < 2.0 hr >	⇒	energy generation & storage < 1.0 hr >
conservation of energy < 2.0 hr >	⇒	energy methods < 1.0 hr >
conservation of energy < 2.0 hr >	⇒	heat engine efficiency < 1.0 hr >
conservation of mass_2 < 1.0 hr >	⇒	energy & momentum principles < 3.0 hr >
data analysis < 1.0 hr >	⇒	design of experiments < 2.0 hr >
data analysis < 1.0 hr >	⇒	filters < 1.0 hr >
data analysis < 1.0 hr >	⇒	output statistical analysis < 1.0 hr >
design of experiments < 2.0 hr >	⇒	experimental error < 1.5 hr >
dimensioning < 2.0 hr >	⇒	auxiliary views < 0.5 hr >
dimensioning < 2.0 hr >	⇒	design specifications < 1.0 hr >
dimensioning < 2.0 hr >	⇒	dimensions in sketching < 1.0 hr >
dimensioning < 2.0 hr >	⇒	orthographic projections < 1.0 hr >

dimensioning < 2.0 hr >	⟹	sketching < 1.0 hr >
dimensions in sketching < 1.0 hr >	⟹	projection drawings < 1.0 hr >
dynamic forces in machines < 1.0 hr >	⟹	dynamical systems < 2.0 hr >
electronic instruments < 1.0 hr >	⟹	design of experiments < 2.0 hr >
electronic instruments < 1.0 hr >	⟹	measurement techniques for heat transfer & thermal systems < 1.0 hr >
energy & momentum principles < 3.0 hr >	⟹	calorimetry < 0.5 hr >
energy & momentum principles < 3.0 hr >	⟹	kinematics & dynamics of rigid bodies < 2.0 hr >
energy conversion < 1.0 hr >	⟹	energy & first law of thermodynamics < 2.0 hr >
energy conversion < 1.0 hr >	⟹	energy transfer < 1.0 hr >
energy generation & storage < 1.0 hr >	⟹	energy equations < 1.0 hr >
energy transfer < 1.0 hr >	⟹	energy generation & storage < 1.0 hr >
equations of motion_2 < 2.0 hr >	⟹	kinematics < 2.0 hr >
error analysis < 2.0 hr >	⟹	experimental error < 1.5 hr >
error analysis < 2.0 hr >	⟹	form & human factors < 0.5 hr >
error analysis < 2.0 hr >	⟹	heisenberg uncertainty principle < 1.0 hr >
estimation < 1.0 hr >	⟹	error analysis < 2.0 hr >
estimation < 1.0 hr >	⟹	experimental error < 1.5 hr >
estimation < 1.0 hr >	⟹	measurements & numerical/analytical predictions < 0.5 hr >
experimental error < 1.5 hr >	⟹	measurement systems & techniques < 2.0 hr >
experimental error < 1.5 hr >	⟹	measurements & numerical/analytical predictions < 0.5 hr >
filters < 1.0 hr >	⟹	signal conditioning < 0.5 hr >
first law of thermodynamics_2 < 2.0 hr >	⟹	heat engine efficiency < 1.0 hr >
gain margin < 1.0 hr >	⟹	signal conditioning < 0.5 hr >
heat & work concept < 0.5 hr >	⟹	energy & first law of thermodynamics < 2.0 hr >
heat & work concept < 0.5 hr >	⟹	first law of thermodynamics_2 < 2.0 hr >
heat < 1.0 hr >	⟹	conservation of energy < 2.0 hr >
heat < 1.0 hr >	⟹	energy & first law of thermodynamics < 2.0 hr >
heat < 1.0 hr >	⟹	heat & work concept < 0.5 hr >

heat < 1.0 hr >	⟹	temperature < 1.0 hr >
irreversibility_2 < 0.5 hr >	⟹	energy conversion < 1.0 hr >
kinematics & dynamics of rigid bodies < 2.0 hr >	⟹	dynamic forces in machines < 1.0 hr >
kinematics & dynamics of rigid bodies < 2.0 hr >	⟹	kinematics & dynamics of particles < 2.0 hr >
kinematics < 2.0 hr >	⟹	kinematics & dynamics of particles < 2.0 hr >
kinematics < 2.0 hr >	⟹	kinematics & dynamics of rigid bodies < 2.0 hr >
measurement systems & techniques < 2.0 hr >	⟹	dimensioning < 2.0 hr >
measurement systems & techniques < 2.0 hr >	⟹	measurement techniques for heat transfer & thermal systems < 1.0 hr >
measurement systems & techniques < 2.0 hr >	⟹	measuring instruments < 1.0 hr >
measurement systems & techniques < 2.0 hr >	⟹	signal acquisition procedures < 1.0 hr >
measuring instruments < 1.0 hr >	⟹	computer data acquisition < 1.0 hr >
measuring instruments < 1.0 hr >	⟹	temperature, instruments to measure < 1.0 hr >
power_2 < 3.0 hr >	⟹	gain margin < 1.0 hr >
second law of thermodynamics_2 < 2.0 hr >	⟹	second law for pure thermal systems < 1.0 hr >
signal acquisition procedures < 1.0 hr >	⟹	a/d & d/a conversion < 1.0 hr >
signal acquisition procedures < 1.0 hr >	⟹	operational amplifiers < 1.0 hr >
signal acquisition procedures < 1.0 hr >	⟹	signal conditioning < 0.5 hr >
signal conditioning < 0.5 hr >	⟹	modulation < 1.0 hr >
sketching < 1.0 hr >	⟹	orthographic projections < 1.0 hr >
sketching < 1.0 hr >	⟹	space visualization < 1.0 hr >
space visualization < 1.0 hr >	⟹	dimensions in sketching < 1.0 hr >
temperature < 1.0 hr >	⟹	equations of state < 1.0 hr >
temperature < 1.0 hr >	⟹	measurement techniques for heat transfer & thermal systems < 1.0 hr >
temperature < 1.0 hr >	⟹	temperature, instruments to measure < 1.0 hr >
temperature < 1.0 hr >	⟹	thermodynamic concepts < 1.0 hr >
thermal behavior of materials < 1.0 hr >	⟹	temperature, instruments to measure < 1.0 hr >

thermodynamic concepts < 1.0 hr >	⟹	heat & work concept < 0.5 hr >
thermodynamic concepts < 1.0 hr >	⟹	pure substances < 1.0 hr >
thermodynamic concepts < 1.0 hr >	⟹	thermal behavior of materials < 1.0 hr >
volume (measurement of)_2 < 0.5 hr >	⟹	equations of state < 1.0 hr >
work & energy < 1.0 hr >	⟹	calorimetry < 0.5 hr >
work & energy < 1.0 hr >	⟹	conservation of energy < 2.0 hr >
work & energy < 1.0 hr >	⟹	energy & first law of thermodynamics < 2.0 hr >
work & energy < 1.0 hr >	⟹	first law of thermodynamics_2 < 2.0 hr >
work & energy < 1.0 hr >	⟹	heat & work concept < 0.5 hr >
work & energy < 1.0 hr >	⟹	work in 2d < 0.5 hr >
work in 2d < 0.5 hr >	⟹	work in 3d < 0.5 hr >