

		Applied thermodynamics-I							
		..\..\Engineering\BASIC\Applied Physics							
		it may contain info related to this subject							
		https://www.georgiancollege.ca/course-outlines/MENG/1005/Fall/2012							
		COURSE OUTLINE CONSIST OF THERMODYNAMICS-I							
		1. The systems page no.2							
		2. Control volume and surface page no.19							
		3.working substance page no.9 to 47							
		4.Heat page no.2,568,688-93,5-6,561-651 and work page no.4-6,128,11							
		5.state page no.9 and properties page no.9							
		6.Thermodynamics process page no.1,15-23,2,88-121 and cycle page no.13							
		7.First Law of thermodynamics page no.15-23							
		8.Ideal gas laws page no.125-7,128-3(Ideal cycle) Carnot							
		9.Equations of State ,of perfect gas, 39-40							
		10.Thermodynamic temperature scale page no.8,127-8							
		11.Concept of open page no.132-3 and closed cycles page no.13,130-1							

	Phase digram page no.not present in the reference book		
	use of stream tables		

			Thermodynamics processes relationships
			1 constant volume (combustion) page no.208-10,221,223-6
			2 constant pressure(process) page no.130-3,52-4
			3 constant temperature(process) page no.55-9
			4 constant enthalpy and general law processes page no.20
			5 steady state and steady flow process page no.72-3
			6 uniform state and uniform flow processes (not present)
			7 steady flow energy equation and steady flow devices page no.(non-flow/17-19)(steady flow/19-23)

[illegible]