

**BRONX COMMUNITY COLLEGE LIBRARY
SUGGESTED FOR**

**PHY 12
COLLEGE PHYSICS II**

**PHY 22
PHYSICS FOR ENGINEERING TECHNOLOGY II**

<u>CODE NO.</u>	<u>TITLE</u>
	<u>FLUIDS</u>
V1753	MATTER -20min, c1992
V2584.18	LIQUIDS I – Density and pressure & Archimede’s principle (<i>Conceptual Physics Alive</i>) - 40min, c1991
V2584.19	LIQUIDS II –Expand Archimede’s principle and the law of flotation (<i>Conceptual Physics Alive</i>) -40min, c1991
V2584.20	GASES – Bernoulli’s principle (<i>Conceptual Physics Alive</i>) -40min, c1991
	<u>TEMPERATURE AND HEAT</u>
V2661.5	LAWS OF CHEMICAL CHANGE AND HEAT FLOW (<i>Investigation in Chemistry</i>) -30min, c1997
V2584.21	HEAT, TEMPERATURE, AND EXPANSION (<i>Conceptual Physics Alive</i>) -40min, c1991
V3203.3	THERMODYNAMICS -27min, c2000
	<u>THE TRANSFER OF HEAT</u>
V2584.22	HEAT TRANSFER (<i>Conceptual Physics Alive</i>) -40min, c1991
V2584.23	HEAT RADIATION (<i>Conceptual Physics Alive</i>) -40min, c1991
V2584.24	HEAT: CHANGE OF STATE (<i>Conceptual Physics Alive</i>) -40min, c1991
	<u>THE IDEAL GAS LAW AND KINETIC THEORY</u>
V1692.6	THE MOLE – The mole and Avogadro’s Number (<i>The Mole Concept</i>) -10min, c1992
V1692.4	AVOGADRO’S HYPOTHESIS (<i>The Mole Concept</i>) -10min, c1992
V2584.20	GASES (<i>Conceptual Physics Alive</i>) -40min, c1991
	<u>WAVES AND SOUND</u>
V2584.26	VIBRATIONS AND SOUND II – Reflection, refraction and speed of sound waves (<i>Conceptual Physics Alive</i>) -40min, c1991
DVD724.5	WAVES (<i>Mechanical Universe</i>) (<i>Unit 18</i>) - c1985

WAVES AND SOUND – Cont'd

V1744 **HEARING** (*Sensitivity of human ear*) -28min, c1993
V3200 **WHAT IS MUSIC?** *Sound waves* - 57min, c1990

THE PRINCIPLE OF LINEAR SUPERPOSITION AND INTERFERENCE PHENOMENA

V2584.25 **VIBRATIONS AND SOUND I** – *Transverse & longitudinal waves; interference of waves and beats of sound (Conceptual Physics Alive)* -40min, c1991

ELECTRIC FORCES AND ELECTRIC FIELDS

V2584.30 **ELECTROSTATICS** – *Charging by induction (Conceptual Physics Alive)*
-40min, c1991

DVD724.3 **GRAVITY, ELECTRICITY, MAGNETISM** (*Mechanical Universe*)
(Unit 11) - c1985

ELECTRIC POTENTIAL ENERGY AND THE ELECTRIC POTENTIAL

DVD724.4 **POTENTIAL ENERGY** (*Mechanical Universe*) (Unit 14) - c1985

ELECTRIC CIRCUITS

V2584.31 **ELECTRIC CURRENT** – *Ohm's Law (Conceptual Physics Alive)*
-40min, c1991

V2172.4 **OHM'S LAW IN ACTION** (*Basic Electricity – Direct Current*) - 15min, c1987

MAGNETIC FORCES AND MAGNETIC FIELDS

V2584.32 **MAGNETISM AND E&M INDUCTION** - 40min, c1991

V1692.5 **RELATIVE ATOMIC MASS** -10min, c1992