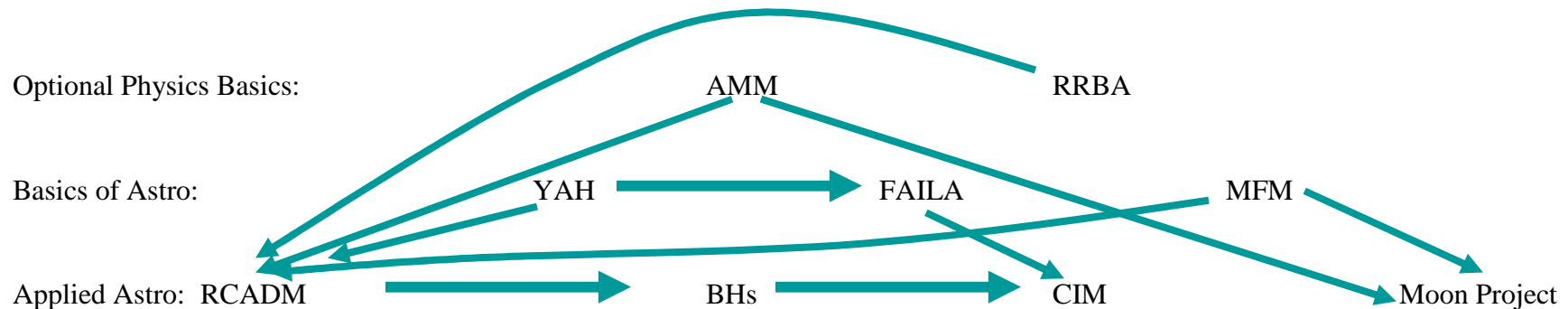


## AIMs (Astronomy Instructional Modules) for Physics: *Sequence Options*

AIM #	Title	Time (min)	Prerequisites
1	You Are Here	30	powers of 10
2	Far Away Is Long Ago	60	$d=vt$ , AIM1 (should know light has a constant speed $c$ )
3	Angular Measurements & Motion	20	$d=vt$
4	Motions Find Mass	60-75(+20)	centripetal acc., Newton's Laws incl. gravitation
5	Red Recedes, Blue Approaches	(20+)60(+20)	wave eqn for sound and light
6	Rotation Curves and Dark Matter	60(+5-10)	AIMs 1,3,4,5
7	Black Holes	120	AIM 1,3,4,5,6
8	The Cosmos in Motion	60	AIMs 1-7
9	Moon Project	20++	AIMs 3,4



Single Lesson Options: MFM or YAH [1]

Short Units: YAH + FAILA [2] OR (AMM) + MFM + Moon Project [1.5-2]

Med Unit: (AMM + RRBA) + YAH + MFM + RCADM [3-4.5] (+ Moon Project [0.5])

Long Unit: (AMM + RRBA) + YAH + MFM + RCADM + BHs [4-5.5] (+ Moon Project [0.5])

Full Sequence: (AMM + RRBA) + YAH + MFM + RCADM + BHs + FAILA + CIM [6-7.5] (+ Moon Project [0.5])