CENTRIPETAL ACCELERATION

"center-seeking"



* moving in a circle with a constant speed * $0 \perp v$ - this causes you to turn, but

not change your speed

* v is tangent to the circle

* a is to the center of the circle







"Centripetal Force" is just another name for "Net Force" when an object is going in a circle with a constant speed. Centripetal Force is directed to the center of the circle (it causes the centripetal acceleration.)