

# Mastery Progress or Not



## The Problem • I Know Everything • No Progress

Intellectual Dis-Integrity	
I <i>The Fool</i>	<b>Obstacle</b>
<b>Unconscious Incompetence</b>	
<ul style="list-style-type: none"> <li>Does not know that he does not know</li> <li>He is doing something wrong, but he is unaware that he is doing it wrong</li> <li>He lacks the necessary awareness to progress further</li> <li>The value of the skill is not recognised</li> <li>Not teachable</li> </ul>	<p><b>Developer</b></p> <ul style="list-style-type: none"> <li>Pride, Rebellion</li> <li>OO/ORM dogma (myopia)</li> <li>Hammer dogma (crippled)</li> </ul> <p><b>Theoretician/Academic</b></p> <ul style="list-style-type: none"> <li>Pathological denial of reality</li> <li>Total ignorance of 70 years of commercial products</li> <li>Ivory tower syndrome</li> </ul>

### Reference

- Justin Krüger & David Dunning  
*Unskilled and Unaware of It*
- J Ehrlinger; K Johnson; M Banner; J Krüger; D Dunning  
*Why the Unskilled are Unaware*
- Abraham Maslow  
*Law of the Instrument*

## The Blind • I Can Do Anything • No Progress

Intellectual Dis-Integrity	No Formal Education
<ul style="list-style-type: none"> <li>Pride, Rebellion</li> <li>Immanence</li> </ul>	<ul style="list-style-type: none"> <li>The value of education is not recognised</li> </ul>
I <i>The Fool</i>	I.b <i>The Clever Fool</i>
<b>Unconscious Incompetence</b>	<b>Conscious Incompetence</b>
<ul style="list-style-type: none"> <li>Does not know that he does not know</li> <li>He is doing something wrong, but he is unaware that he is doing it wrong</li> <li>He lacks the necessary awareness to progress further</li> <li>The value of the skill is not recognised</li> <li>Not teachable</li> </ul>	<ul style="list-style-type: none"> <li>Knows that he does not know</li> <li>He is doing something wrong, but he is aware that he is doing it wrong</li> <li>The value of the skill is somewhat recognised</li> <li>Not teachable</li> <li>Re-invents the wheel from scratch, taking 42 years doing so</li> <li>Never leaves stage II</li> </ul>

## The Apprentice • Progress

Intellectual Integrity	Formal Education	Mentor	
<ul style="list-style-type: none"> <li>Humility</li> <li>Acknowledgement of State</li> <li>Acknowledgement of Authority</li> </ul>	<ul style="list-style-type: none"> <li>Engages a teacher, obtains knowledge in 1 year, moves through stage II quickly, into stage III</li> </ul>	<ul style="list-style-type: none"> <li>Works under a master, obtains deep knowledge &amp; deep practice in stage III, for at least a decade</li> <li>Enables stage IV</li> </ul>	
I <i>The Novice</i>	II <i>The Apprentice</i>	III <i>The Journeyman</i>	IV <i>The Master</i>
<b>Unconscious Incompetence</b>	<b>Conscious Incompetence</b>	<b>Conscious Competence</b>	<b>Unconscious Competence</b>
<ul style="list-style-type: none"> <li>Does not know that he does not know</li> <li>He is doing something wrong, but he is unaware that he is doing it wrong</li> <li>He lacks the necessary awareness to progress further</li> <li>The value of the skill is recognised</li> <li>Teachable</li> </ul>	<ul style="list-style-type: none"> <li>Knows that he does not know</li> <li>He is doing something wrong, but he is aware that he is doing it wrong</li> <li>The value of the skill is recognised</li> <li>Teachable</li> </ul>	<ul style="list-style-type: none"> <li>Knows the skill but has to concentrate</li> <li>Practices applying the skill</li> <li>Makes mistakes</li> <li>Formal diagnosis &amp; correction by a Master</li> <li>Cannot teach: dissipation will diminish knowledge</li> </ul>	<ul style="list-style-type: none"> <li>Knows it so well, it is 'second nature'</li> <li>Does not consciously think about it while performing</li> <li>Acquires finer grain; distinctions</li> <li>Can teach: dissipation will not diminish knowledge</li> </ul>