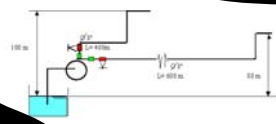
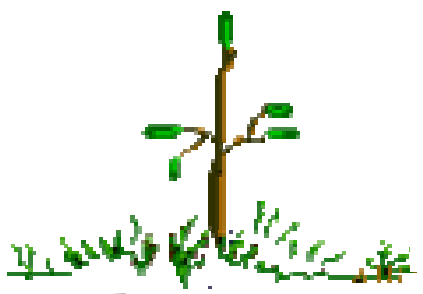
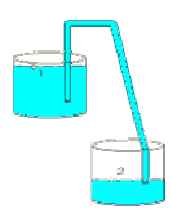


<http://www.escolada-vida.eng.br/mecfluquimica/exerciciopropostomecflu2.htm>

$$p_1 - p_2 = h \times (\gamma_m - \gamma)$$

**Equação manométrica**



$$H_p = f \times \frac{L}{D_H} \times \frac{v^2}{2g}$$

**Cálculo da perda de carga**

Segunda aula

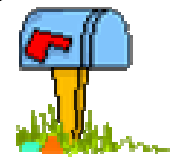


**Os objetivos para a engenharia química**

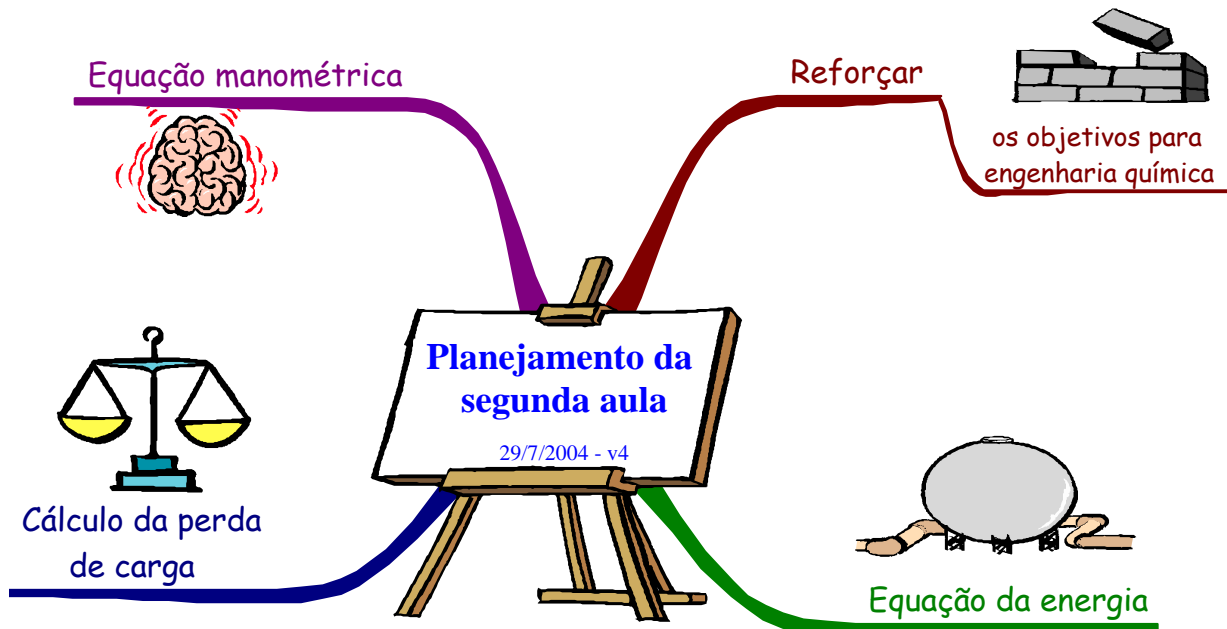


**Equação da energia**

$$H_{inicial} + H_{maq} = H_{final} + H_{ptotais}$$



## Caminho a percorrer pela Internet



1. <http://www.escoladavida.eng.br/mecfluquimica/primeiraaulamecflu2.htm>
2. <http://www.escoladavida.eng.br/mecfluquimica/paraaengenhariaquimica.htm>
3. <http://www.escoladavida.eng.br/mecfluquimica/equacaodaenergia.htm>
4. <http://www.escoladavida.eng.br/mecfluquimica/calculodaperdadecarga.htm>
  - a. <http://www.escoladavida.eng.br/mecfluquimica/equacaodepoiseuille.htm>
  - b. [http://www.escoladavida.eng.br/mecfluquimica/conceitos\\_exigidos.htm](http://www.escoladavida.eng.br/mecfluquimica/conceitos_exigidos.htm)
  - c. [http://www.escoladavida.eng.br/mecfluquimica/provao\\_1997.htm](http://www.escoladavida.eng.br/mecfluquimica/provao_1997.htm)
5. <http://www.escoladavida.eng.br/mecfluquimica/equacaomanometrica.htm>
6. <http://www.escoladavida.eng.br/mecfluquimica/exerciciopropostomecflu2.htm>
  - a. <http://www.escoladavida.eng.br/mecfluquimica/sp1.htm>
  - b. [http://www.escoladavida.eng.br/mecfluquimica/victor\\_hugo.htm](http://www.escoladavida.eng.br/mecfluquimica/victor_hugo.htm)