

**MATH 236 CALCULUS 2**  
**ADDITIONAL HOMEWORK FOR SECTION 7.2.**

1.  $\int \cos^2 x \tan^3 x dx$

2.  $\int \frac{\cos x + \sin(2x)}{\sin x} dx$

3.  $\int \tan^2 x dx$

4.  $\int_0^{\frac{\pi}{3}} \tan^5 x \sec^4 x dx$

5.  $\int \tan^3 x \sec x dx$

6.  $\int \frac{\tan^3 x}{\cos^4 x} dx$

7.  $\int \frac{1 - \tan x}{1 + \tan x} dx$