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Career & College Promise College Transfer Pathway Leading to the Associate in Science (P1042C)

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GENERAL EDUCATION (34 SHC)..... 34

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English Composition (6 SHC)..... 6

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Humanities/Fine Arts/Communication (6 SHC)..... 6

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Math 101

3. $f(x) = 2x^2 + 3x - 5$ and $g(x) = x^2 + 4x - 7$. Find $(f+g)(x)$.

Ans: $(f+g)(x) = 3x^2 + 7x - 12$

4. $f(x) = 2x^2 + 3x - 5$ and $g(x) = x^2 + 4x - 7$. Find $(f-g)(x)$.

Ans: $(f-g)(x) = x^2 - x + 2$

5. $f(x) = 2x^2 + 3x - 5$ and $g(x) = x^2 + 4x - 7$. Find $(fg)(x)$.

Ans: $(fg)(x) = 2x^4 + 11x^3 - 12x^2 - 17x + 35$

6. $f(x) = 2x^2 + 3x - 5$ and $g(x) = x^2 + 4x - 7$. Find $(f/g)(x)$.

Ans: $(f/g)(x) = \frac{2x^2 + 3x - 5}{x^2 + 4x - 7}$

7. $f(x) = 2x^2 + 3x - 5$ and $g(x) = x^2 + 4x - 7$. Find $(f \cdot g)(x)$.

Ans: $(f \cdot g)(x) = 2x^4 + 11x^3 - 12x^2 - 17x + 35$

Math (8 SHC)..... 8

3. $f(x) = 2x^2 + 3x - 5$ and $g(x) = x^2 + 4x - 7$. Find $(f+g)(x)$.

Ans: $(f+g)(x) = 3x^2 + 7x - 12$

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Ans: $(fg)(x) = 2x^4 + 11x^3 - 12x^2 - 17x + 35$

Natural Sciences (8 SHC)..... 8

3. $f(x) = 2x^2 + 3x - 5$ and $g(x) = x^2 + 4x - 7$. Find $(f+g)(x)$.

Ans: $(f+g)(x) = 3x^2 + 7x - 12$

4. $f(x) = 2x^2 + 3x - 5$ and $g(x) = x^2 + 4x - 7$. Find $(f-g)(x)$.

Ans: $(f-g)(x) = x^2 - x + 2$

5. $f(x) = 2x^2 + 3x - 5$ and $g(x) = x^2 + 4x - 7$. Find $(fg)(x)$.

Academic Transition (1 SHC)..... 1

6. $f(x) = 2x^2 + 3x - 5$ and $g(x) = x^2 + 4x - 7$. Find $(f/g)(x)$.

Ans: $(f/g)(x) = \frac{2x^2 + 3x - 5}{x^2 + 4x - 7}$

*OPTIONAL GENERAL EDUCATION HOURS (O-8 SHC) R/... A... f... fl... 8 z... &... / Q3: / \$... z... fl... fl... % & z... z... fl... & % z... / ' / ")... z... 8... fl... fl... z... / \$) z... + - * =) z... % & z... / " " / \$)) 1... z... fl... fl... & % z... = z... / ' / ")... z... / \$ T / ()

