**PHYS2421 - Honors Physics I - Mechanics and Heat**

**PHYS 2421** Honors Physics I - Mechanics and Heat (4 semester credit hours) Calculus-based physics. This class is a more rigorous version of **PHYS 2325** with additional topics in thermal physics. Derivations are more general and rely more heavily on calculus and the use of vectors. More challenging problems and applications. Two lectures plus a required recitation session per week. Students will also be registered for an exam section. Prerequisite: **MATH 2413** or **MATH 2417** with a minimum grade of B+ in either course. Corequisites: (**MATH 2414** or **MATH 2419**) and (**PHYS 2121** or **PHYS 2125**). (4-0) Y

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