

**MATH 202 (1740) Differential Equations**

Prerequisite: MATH 201 Calculus III

Credit Hours: 3

This course will include solution techniques for the standard ordinary differential equations of the first and second order (with some generalization to higher order equations). Power series solution techniques for linear equations with constant coefficients will be presented. Solution of differential equations using the Laplace Transform will be presented. Applications to geometry and the physical science will be presented and covered. This course is required of any student seeking a degree in physics, mathematics, engineering, chemistry, and other related fields at a four-year institution.

## Music

**MUSI 101 (1051) Music Appreciation KRSN MUS1010\*\***

Prerequisite: None

Credit Hours: 3

This is a survey course in basic fundamentals of music, and from this foundation moving into a better understanding of styles and music from different periods in history. The main purpose is for students to gain a broader understanding of and appreciation for many types and styles of music. We will also see how music is influenced by social, religious, political, and scientific advancements happening in the world at any given time.

**MUSI 104 (1092) History of Jazz and Rock**

Prerequisite: None

Credit Hours: 3

This is a survey course that shows the logical musical derivatives and developments of jazz and rock music. At the same time the course will identify and listen to the important elements that compose the individual styles of jazz and rock music as they evolved from era to era.

**EDUC 152 (0822) Children's Music**

Prerequisite: None

Credit Hours: 3

This course is directed toward students in the elementary education program. It is designed to show how music can be taught and integrated into other areas of the elementary classroom curriculum. Traditional areas of music instruction will be covered including fundamentals of music, singing, playing instruments, listening, moving to music, and creative experiences with music. In addition, we will study multicultural approaches to teaching and practice writing lesson plans focusing on the needs and interests of young children.

Labette Community College offers the following ensembles to college students and community members who enjoy singing or playing instruments. There is no cost to participate and no college credit will be awarded. For more information as to the rehearsal times and to enroll in one or more ensembles, please contact our Music Coordinator at 620-820-1020 or [sethr@labette.edu](mailto:sethr@labette.edu).

Choir Orchestra Band

Jazz Band

Musical Review

Guitar Ensemble

Labette Community College offers the following private lessons to college students and community members who wish to improve their skills. There is a \$160 fee which covers 15, ½ hour lessons within the semester. Times and days are set by the individual instructor after consultation with the student. No college credit will be awarded for these lessons. For more information and to enroll, please contact our Music Coordinator at 620-820-1020 or [sethr@labette.edu](mailto:sethr@labette.edu).

Voice

Piano Guitar Percussion Brass Strings

Woodwinds

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\*Refer to the Placement Testing Procedure 3.22, page 24 \*\*Refer to Course Transfer, page 19