**Cassville High School**

**Course Competency (ELO’s)**

Course Name: Geology I

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| **Semester** | **ELO** | **Mastery**  **Level** |
| 1 | **Demonstrate knowledge of safe laboratory behavior and skills.** | 80% |
| 1 | **Classify minerals based on physical and chemical properties.** | 70% |
| 1 | **Distinguish earth’s materials as minerals, rocks and soils based on their components, unique properties, & processes which form them.** | 70% |
| 1 | **Understand the factors that influence the rates of weathering and erosion of landforms.** | 70% |
| 1 | **Explain the external processes that result in the formation and modification of landforms.** | 70% |
| 1 | **Recognize the importance of water as a solvent in the environment as it relates to karst topography, acid rain, water pollution, erosion and deposition of rock and soil materials.** | 70% |
| 1 | **Identify human activities that may adversely affect the composition of the atmosphere, hydrosphere, or geosphere.** | 70% |
| 1 | **Recognize how the geomorphology of Missouri affects the survival of organisms and the development of land use by humans.** | 70% |