Northwest Arkansas Community College
Division of Science & Mathematics

MPAX 2843 Special Topics in Science- EAST/EMPACTS

Catalog Description: Focus on a specialized topic in natural or applied sciences to serve student interest for elective credit. The specific topic will be announced each semester the course is offered. Course will be taught with the EAST/EMPACTS model, where students experience course content, in part, through working with a team, utilizing some form of technology, to complete a community service project.

Prerequisites: Instructor/Department consent

Credit / Contact / Load hours: 3-3-3

Target Audience/Transferability: Primarily designed to meet student interest in various areas of science. Upon approval, may be used as elective credit for various associate degrees and certificates. Transferability is based on the judgment of the transfer institution.

Student Learning Outcomes: Students completing this course will:

- Demonstrate specific knowledge, skills and/or attitudes relevant to the topic focus. These specific outcomes will be listed in the course syllabus.
- Collaborate, coordinate and communicate effectively with other student team members, course instructor, facilitator and community contacts to complete a community service project
- Demonstrate skill with at least one technological tool as part of a group project.
- Orally present the process and results of a team project in a clear and compelling manner to an audience
- Demonstrate skill in written communication in a written report of the process and results of a team project in a clear and compelling manner

Required Text(s): varies by topic focus

Topics: varies by topic focus

Required Instructional Activities: (if any- optional section)

- Students must work individually or with a team
- Utilize some form of technology
- Complete a community service project related to the course content

Required Forms of Assessment: if any- optional section)

- Student individuals and teams must present their projects to an audience (or other group) and post on a website as part of grading for the course