INSTRUCTIONS: Please check the items below which describe the purpose of this request.

- New course with supporting documents
- Add existing course offered at another campus
- Expiration of a course
- Change in course number
- Change in course title
- Change in course credit/type
- Change in course attributes
- Change in instructional hours
- Change in course description
- Change in course prerequisites
- Change in semesters offered

PROPOSED:
- Subject Abbreviation: CHE
- Course Number: 536
- Long Title: Particulate Systems
- Short Title: Particulate Systems

EXISTING:
- Subject Abbreviation: CHE
- Course Number: 377S

TERMS OFFERED:
- Check All That Apply:
  - Summer
  - Fall
  - Spring

CAMPUS(ES) INVOLVED:
- Calumet
- Fort Wayne
- Indianapolis
- N. Central
- W. Lafayette
- Cont Ed
- Tech Statewide

CREDIT TYPE
1. Fixed Credit: Cr. Hrs.
2. Variable Credit Range:
   - Minimum Cr. Hrs
   - Maximum Cr. Hrs
   - Equivalent Credit: Yes
   - No
   - Yes
   - No

Instructor
- Type: Minutes
  - Per Mtg
  - Per Week
- Meetings: 50
- Weeks Offered: 16
- % of Credit Allocated: 100
- Delivery Method: SYN

Delivery Medium
- Audio, Internet
- Live, Text-Based, Video
- LIVE
- VIDEO; INTERNET

COURSE DESCRIPTION (INCLUDE REQUISITES):
CHE 536 Particulate Systems
Sem. 2, Class 3, Credit 3
Prerequisite: ChE 377 or equivalent or consent of instructor
A broad overview of the fundamental concepts in particulate systems including particle characterization, particle size measurement, sedimentation, fluidization, gas and liquid conveying, particle storage, fluid-particle separation, particle size enlargement and reduction, particle mixing and hazards associated with the handling of particulate solids. Practical applications are emphasized, with a focus on how particles behave differently than fluids.