



UNIVERSITY OF KENTUCKY

TRANSMITTAL

**DATE:** March 18, 2003

**TO:** Angel Clark  
Senate Council

**FROM:** Lissa Holland *LH*  
Graduate Council

**Research and Graduate Studies**

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The Graduate Council met on March 13, 2003, and approved the following:

COLLEGE OF ENGINEERING

*Mining Engineering*

**NEW COURSE:**

**MNG 580 – Mineral Processing Plant Design (3 credits)**

Design of mineral processing plants including the associated unit operations; flowsheet development, unit selection, sizing and number, water/mass flow balancing.

***Prerequisites:*** MNG 301 and MNG 302; engineering standing.

C244

# APPLICATION FOR NEW COURSE

Submitted by College of Engineering Date August 15, 2002

Department/Division offering course Mining Engineering

2. Proposed designation and Bulletin description of this course

Prefix and Number MNG 580 b. Title\* Mineral Processing Plant Design

\*NOTE: If the title is longer than 24 characters (including spaces), write

A sensible title (not exceeding 24 characters) for use on transcripts Min Proc Plant Design

Lecture/Discussion hours per week 3 d. Laboratory hours per week 0

Studio hours per week 0 f. Credits 3

g. Course description

Design of mineral processing plants including the associated unit operations; flowsheet development, unit selection, sizing and number, water/mass flow balancing

h. Prerequisites (if any)

MNG 301 Minerals Processing; MNG 302 Minerals Processing Laboratory; engineering-standing

May be repeated to a maximum of \_\_\_\_\_ (if applicable)

4 To be cross-listed as

Prefix and Number \_\_\_\_\_ Signature, Chairman, cross-listing department \_\_\_\_\_

5 Effective Date Fall 2003 (semester and year)

6 Course to be offered  Fall  Spring  Summer

Will the course be offered each year?  Yes  No  
(Explain if not annually)

8. Why is this course needed?

Curriculum revision indicated a need for increased emphasis on processing design

9 By whom will the course be taught? Dr Rick Honaker

b. Are facilities for teaching the course now available?  Yes  No  
If not, what plans have been made for providing them?

FEB 11 2003

ORIGINAL