



THE UNIVERSITY *of* NORTH CAROLINA  
**GREENSBORO**

**GRADUATE STUDIES COMMITTEE AGENDA**

Friday, December 10, 2010

10:00 - 11:30 a.m.

Elm Room, EUC

1. Approval of Minutes from November 19, 2010
2. Report of the Chair — Dr. Snowden
3. Report of the Dean — Dr. Petersen
4. Report of the Curriculum Subcommittee — Dr. Lewallen  
*Please note: Only proposals for new certificates and degrees and items that were tabled or not approved at the subcommittee meeting are included in agenda packets.*

**ROUTINE CHANGES**

**The following were approved:**

1. MBA Program requests deletion of the following MBA courses, effective Fall 2011:
  - a. MBA 600 Business Statistics
  - b. MBA 601A Fundamentals of Entrepreneurship
  - c. MBA 602 Presentation and Interpretation of Financial Statements
  - d. MBA 603 Economic Analysis
  - e. MBA 604 Organizational Behavior
  - f. MBA 605 Financial Management
  - g. MBA 606 Marketing Management
  - h. MBA 607 The Operations Function
  - i. MBA 609 Management Communications
  - j. MBA 610 Advanced Business Statistics
  - k. MBA 611 Ethics, Public Policy and Business
  - l. MBA 612 Cost Management Systems
  - m. MBA 613 Economic Policy and the Global Environment
  - n. MBA 615 Leadership Assessment and Development
  - o. MBA 616 Managing in a Global Environment
  - p. MBA 617 Management Science
  - q. MBA 618 Business Processes and Technology
  - r. MBA 620 Competitive Analysis and Strategy Formulation
  - s. MBA 624 Strategies for Managing Human Resources
  - t. MBA 625 Corporate Strategy and the Finance Function
  - u. MBA 626 Strategic Marketing Management
  - v. MBA 627 Global Operations Strategy
  - w. MBA 628 Business Strategy and Information Technology
  - x. MBA 629A Creating and Sustaining Competitive Advantage
  - y. MBA 630 Global Financial Markets
  - z. MBA 631 Security Analysis
  - aa. MBA 633 Financial Statement Analysis

- bb. MBA 634 Advanced Financial Statement Analysis and Security Valuation
  - cc. MBA 637 Corporate Values and Governance
  - dd. MBA 641 Consumer Behavior
  - ee. MBA 642 Marketing Research: Gathering Original Data
  - ff. MBA 643 Marketing Research: Data Analysis
  - gg. MBA 644 International Marketing Management
  - hh. MBA 648 Brand Management
  - ii. MBA 650 Total Quality Management
  - jj. MBA 651 Management of Technology and Innovation
  - kk. MBA 653 Service Operations Management
  - ll. MBA 654 Project Management
  - mm. MBA 655 Knowledge Management
  - nn. MBA 657 e-Business Strategy
  - oo. MBA 669 Business Law
  - pp. MBA 671 Organizational Change and Development
  - qq. MBA 675 Issues in Cross-Cultural Management
  - rr. MBA 678 Increasing Work Team Effectiveness
  - ss. MBA 682 Financial Reporting and Regulation
  - tt. MBA 683 Mergers and Acquisitions
  - uu. MBA 686 Tax Strategy
  - vv. MBA 688 Advance Business Law – changed to ACC 688 (11/19/10)
  - ww. MBA 694 Fraud Management
2. MBA ~~663~~745 Experience Business Abroad
  3. MAT, change course titles, prerequisites, and/or descriptions as indicated, effective Fall 2011:
    - a. MAT 513 Historical Development of Mathematics  
*Pr. grade of at least C in MAT 292.*
    - b. MAT 514 Theory of Numbers  
*Pr. grade of at least C in MAT 311 or permission of instructor.*
    - c. MAT 515 Mathematical Logic  
*Pr. grade of at least C in MAT 253 or 311 or 353 or permission of instructor. Delete “(Odd Spring)” from the description of the course.*
    - d. MAT 516 ~~Polynomial Rings~~ **Intermediate Abstract Algebra**  
*Pr. grade of at least C in MAT 311 or permission of instructor; change the description of the course to read: “Rings, integral domains, fields, division algorithm, factorization theorems, zeros of polynomials, greatest common divisor, relation between the zeros and the coefficients of a polynomial, formal derivatives, prime polynomials, Euclidean domains, the fundamental theorem of algebra.”*
    - e. MAT 517 Theory of Groups  
*Pr. grade of at least C in MAT 311 or permission of instructor.*
    - f. MAT 518 Set Theory and Transfinite Arithmetic  
*Pr. grade of at least C in MAT 311 or MAT 395 or permission of instructor.*
    - g. MAT 520 Non-Euclidean Geometry  
*Pr. grade of at least C in MAT 311 or MAT 395 or permission of instructor.*
    - h. MAT 522 ~~Hilbert Spaces and Spectral Theory~~ **Introductory Functional Analysis**  
*Pr. grade of at least C in MAT 395 or permission of instructor; change the description of the course to read: “Vector spaces: basis, dimension, Hilbert spaces; pre-Hilbert spaces, norms, metrics, orthogonality, infinite sums. Linear subspaces; annihilators, closed and complete subspaces, convex sets. Continuous linear mappings; normed spaces. Banach spaces, Banach algebras, dual spaces. Reisz-Frechet theorem. Completion. Bilinear and sesquilinear maps. Adjoints. Operators in Hilbert space: isometric, unitary, self-adjoint, projection, and normal operations. Invariant subspaces. Continuous operators. Spectral theorems for a normal co-operator **Basic concepts in Banach spaces, Hilbert spaces, linear operators and their applications.**”*

- i. ~~MAT 540 Complex Functions with Applications~~ **Introductory Complex Analysis**  
*Pr. grade of at least C in ~~294~~ **MAT 394**, grade of at least C in **MAT 395** for mathematics majors.*
- j. MAT 545 Differential Equations and Orthogonal Systems  
*Pr. grade of at least C in **MAT 293** and **MAT 390** or permission of instructor.*
- k. MAT 546 Partial Differential Equations with Applications  
*Pr. grade of at least C in **MAT 545**.*
- l. MAT 549 Topics in Applied Mathematics  
*Pr. grade of at least C in **MAT 293** and **MAT 390** or permission of instructor.*
- m. ~~MAT 556 Advanced Discrete Mathematics~~ **Topics in Discrete Mathematics**  
*Pr. grade of at least C in ~~MAT 253~~ **353**; change the course description to read: “Advanced topics in discrete mathematics and their uses in studying computer sciences **Selected topics of current interest in discrete mathematics.**”*
- n. MAT 591 Advanced Modern Algebra and MAT 592 **Advanced** Abstract Algebra  
*Pr. Grade of at least C in ~~591 or 311~~ **MAT 516**; change the description of the courses to one description of the year-long sequence to read: “**Groups: homomorphisms, quotient groups, products of groups, Sylow theorems, finitely generated abelian groups. Rings: homomorphisms, ideals, quotient rings, integral domains, Euclidean domains, factorization. Fields: algebraic extensions of fields, Galois theory.**”*
- o. MAT 595, MAT 596 **Advanced** Mathematical Analysis  
*Pr. Grade of at least C in ~~395~~ **MAT 525** or permission of instructor; change the description of the courses to read: “Real number axioms, ~~basic topology,~~ **metric spaces**, sequences, series, continuity, differentiation, the Riemann-Stieltjes integral.”*
- 4. DCE 546 Perspectives on Dance Education and DCE 557 Dance Pedagogy for Ages 3-18 – delete from undergraduate and graduate bulletins.
- 5. DCE 505 Contemporary Dance: Aesthetic and Cultural Practice – delete DCE 205 as prerequisite (*this prerequisite appears in the Undergraduate Bulletin only*).

## **NEW/AMENDED COURSE PROPOSALS**

### **The following was approved:**

ENG 659 Digital Literacies and Online Rhetorics (*Summer 2011*)

### **The following was approved (with minor revision):**

MUS 555 The Alexander Technique for Performers (*Spring 2011*) – Tabled 11/19/10

## **NEW PROGRAMS**

### **Recommend approval:**

A request from the School of Nursing for authorization to plan a new doctoral or first professional degree program, a DNP in Nursing Practice. Letter of support from Dr. Tobin forthcoming.

- 5. Report of the Policies and Procedures Subcommittee – Dr. Carroll
- 6. Report of the Student Affairs Subcommittee – Dr. Mazgaj
- 7. Report of the Senate Representative – Dr. Jackson
- 8. Other

Enclosures