

February 8, 1999

RESPONSE DEADLINE: FEBRUARY 19, 1999

MEMORANDUM

TO: Selected Community College Presidents

FROM: Eldon Meacham, Program Coordinator
Engineering and Transportation Technologies

SUBJECT: Revision of DFT 111 and DFT 112 Courses
Revision of Curriculum Standards with DFT 111 / DFT 112
in the Core

The System Office has received numerous requests to revise the number of contact hours associated with DFT 111 (Technical Drafting I) and DFT 112 (Technical Drafting II) in the Common Course Library (CCL). These courses teach students the basics of manual drafting techniques. Because of the large number of contact hours associated with these courses, colleges are limited in the number of Computer Aided Drafting (CAD) courses that can be offered. Industry continues to request technicians that have as much CAD experience as possible.

DFT 111 and DFT 112 have a large number of contact hours (2-6-4). The proposed revisions include dividing each of the current courses into two courses. DFT 111(current) is divided into DFT 111(revised) and DFT 111A(new). DFT 112(current) is divided into DFT 112(revised) and DFT 112A(new). The proposed DFT 111(revised) and DFT 112(revised) courses have fewer contact hours (1-3-2) and remain in the core of the affected curriculum standards. DFT 111A and DFT 112A are new lab courses which will be added to the CCL. DFT 111A and DFT 112A will be **optional lab courses** for those colleges that need the additional time for students to enhance their manual drafting skills. These proposed changes will provide more flexibility to the colleges.

The proposed revisions to DFT 111 and DFT 112 will effect the core in the following curricula:

Industrial Engineering Technology
Manufacturing Engineering Technology
Mechanical Engineering Technology

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Mechanical Engineering Technology - Drafting and Design
Mechanical Engineering Technology - Fire Sprinkler Design
Mechanical Drafting Technology
Mechanical Drafting Technology - CAD Systems Management
Manufacturing Technology
Manufacturing Technology - Plastics
Manufacturing Technology - Quality Assurance
Manufacturing Technology - Integrated Operations

NOTE: Furniture Production Technology and Furniture Production Technology (Design and Product Development Concentration) have DFT 111 and DFT 112 as prerequisite courses for some of the Furniture Production Technology courses, but the curriculum standard does not change.

Review the proposed revisions to DFT 111 and DFT 112. Complete the Course Revision Form with the proper signatures and return by **Friday, February 19.**

Review the proposed revisions to the curriculum standards for the programs that your campus is approved to offer. Complete the appropriate Curriculum Standard Revision Form with the proper signatures for the programs that your campus is approved to offer and return by **Friday, February 19.**

Using the enclosed envelope, all forms should be completed and mailed back to Eldon Meacham. **NO FAXES PLEASE.** If you have questions, please call me at (919) 733-7051, Extension 421 or send an e-mail to **eldonm@ncccs.cc.nc.us**. You may also call Mike Pittman at Extension 403 or Sandra Hall at Extension 424.

CEM

Enclosures

c: Selected Chief Academic Officers

Dr. Elizabeth L. Johns

Ms. Elizabeth Jones

Mr. Mike Pittman

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