



## **CURRICULUM COMMITTEE MEETING**

*Friday, September 5, 2008 - 2:00 p.m.*

*City Park Campus – Lac Maurepas (Building 23, Second Floor)*

### **AGENDA**

- I. Call to Order**
- II. Roll Call**
- III. Vice Chancellor's Charge for the Curriculum Committee**
- IV. Curriculum Committee Functions**
  - a) Membership List
  - b) Curriculum Development Calendar
  - c) Charter: Committee on Curriculum PPM – Policy No. AA-1622.1D
  - d) The College Curriculum PPM – Policy No. AA-1510.1A  
(Committee Operating Procedures – Pages 11-13)
  - e) Master Syllabus PPM – Policy No. AA-1503.1
  - f) Board of Regents Approved Academic Degree Terms and Designations –  
Policy No. 2.11
  - g) Board of Regents Definitions of Undergraduate Certificates and Degrees –  
Policy No. 2.15
  - h) Board of Regents Statewide General Education Requirements – Policy  
No. 2.16
- V. Minutes of meeting of April 25, 2008**
- VI. Curriculum Operations Report – Tim Stamm**
- VII. General Education Initiatives – Tim Stamm**
- VIII. Louisiana Community & Technical College System Initiatives – Tim Stamm**

## IX. New Business

a) **Business & Technology/DPTW**

**New Course:** DPTW-100: Introduction to Tool/Shop Safety (1-2-2/45). Creation of a new course, DPTW-100: Introduction to Tool/Shop Safety. A study of tools and shop equipment commonly used by diesel technicians in the industry. Over 35 tools and pieces of equipment will be covered including: hand tools, air tools, precision measuring tools, lifting equipment, and engine rebuilding tools.

b) **Business & Technology/DPTW**

**New Course:** DPTW-101: Introduction to Diesels (2-2-3/60). Creation of a new course, DPTW-101: Introduction to Diesels. A detailed study of diesel operating principles and how diesel engines differ from other types of internal combustion engines. Includes troubleshooting, maintenance, and testing of fuel pumps, fuel filters, and nozzles. Emphasizes importance of fuel filtration, selection, and care in handling.

c) **Business & Technology/DPTW**

**New Course:** DPTW-103: Preventative Maintenance Inspection (2-2-3/60). Creation of a new course, DPTW-103: Preventative Maintenance Inspection. Study of vehicle/equipment inspections and practices, preventive maintenance scheduling, inspection utilizing special tooling, minor adjustments, and repair will be covered. Diagnosis and repairs will be performed on various manufacturers' equipment and components. Co-requisite: DPTW-101: Introduction to Diesels or Permission of Instructor.

d) **Business & Technology/DPTW**

**New Course:** DPTW-120: Diesel Engine Overhaul (2-4-4/90). Creation of a new course, DPTW-120: Diesel Engine Overhaul. Study of the diesel fueled internal combustion engine and its subsystems, to include: air intake and exhaust, lubrication, cooling and basic fuel injection. Complete disassembly and reassembly and final tune-up. Diagnosis of system malfunction. Basic failure analysis. Troubleshooting of control/support systems. Dynamometer testing of engines. Diagnosis and repairs will be performed on various manufacturers' equipment and components. Safety will be strictly enforced.

e) **Business & Technology/DPTW**

**New Course:** DPTW-121 Fuel Systems (2-2-3/60). Creation of a new course, DPTW-121: Fuel Systems. Study of the theory and operation of diesel fuel injection equipment. Transfer pumps, distributor injection pumps, in-line injection pumps, injection and injection nozzles, governors, air fuel ratio controls, and mechanical electrical H.E.U.I systems will be covered. Diagnosis and repairs will be performed on various manufacturer equipment and components.

- f) **Business & Technology/DPTW**  
**New Course:** DPTW-130: Basic Electrical/Electronic Systems (2-2-3/60). Creation of a new course, DPTW-130: Basic Electrical/Electronic Systems. Introduces diesel electrical/electronic systems. Covers the basic theories of electricity and electronics, using test equipment, types of electrical circuits, circuit faults, wiring components, batteries, and wiring diagrams.
- g) **Business & Technology/DPTW**  
**New Course:** DPTW-170: Natural Gas Engine Theory (2-4-4/90). Creation of a new course, DPTW-170: Natural Gas Engine Theory. Course is designed to cover principles and service procedures for natural gas engine and equipment pertinent to the natural gas industry. Course will cover fuels, ignition systems, combustion, lean combustion theory, exhaust gas analysis, lubrication systems, cooling systems, mousing and alignment, and gas compression concepts.
- h) **Business & Technology/DPTW**  
**Final Approval of Curriculum:** Certificate of Technical Studies in Diesel Power Technology. Approve the curriculum and catalog description for the Certificate of Technical Studies in Diesel Power Technology. Description: The Certificate of Technical of Studies in Diesel Power Technology is to prepare the graduate for a career in the operation, repair, and maintenance of diesel/multi-fuel industrial and consumer use engines and equipment.

## **X. Consent Agenda**

- a) **Allied Health/HESC**  
**Change of Course Prerequisite Requirements:** HESC-118: Information Management for Allied Health Professionals. Removal of prerequisite requirement of HESC-111: Medical Terminology from HESC-118: Information Management for Allied Health Professionals. Prerequisite knowledge of Medical Terminology is not required for success in HESC-118.

## **XI. Old Business**

## **XII. Adjournment**

**XIII. Next Meeting:       September 26, 2008 (Scheduled Meeting).**