

**Arkansas Tech University - Ozark**  
**Curriculum Committee Meeting**  
March 7, 2006

AGENDA

- I. Call meeting to order
- II. Approval of Minutes
- III. Revisit the proposal from Admissions Council regarding minimum hour requirement of certificate graduates returning to pursue the Associate of Applied Science degree. The second paragraph of this item was tabled from last meeting pending clarification of the 30 hour minimum for second degree.
- IV. Consider changes in technical certificate and Associate of Applied Science degree curriculum requirements as follows:

**Air Conditioning and Refrigeration**

Beginning with the Fall 2006 semester in the Air Conditioning and Refrigeration curriculum requirements for technical certification, create a choice of areas of emphasis to pursue - Air Conditioning and Refrigeration, and Facilities Management:

To accommodate both options, in the curriculum requirements for technical certification, make the changes listed below:

- Replace ACR 1904 Externship with ACR 2904 Externship
- Change the title for ACR 2904 from Externship to Internship
- Change the course number for Heat Gain and Loss from ACR 1704 to ACR 2104
- Change the course number for Residential Systems from ACR 1802 to ACR 2102
- Change the course number for Air Conditioning Service from ACR 1902 to ACR 2112
- Change the course number for Industrial Controls from ELT 1202 to ACR 1222
- Replace COM 1102 Technical Communication with BUS 1003 Business English, ENGL0303 Foundational Composition or ENGL1013 Composition I
- Replace MTH 1102 Technical Mathematics with BUS 1023 Business Mathematics, MATH 0803 Beginning Algebra, or higher mathematics course
- Delete BUS 1302 Introduction to Computers
- Require a prerequisite of ACR 1302 Basic Compression and Refrigeration before taking ACR 2104 Heat Gain and Loss
- Require a prerequisite of ACR 1302 Basic Compression and Refrigeration and ACR 1203 Fundamentals of Electricity before taking ACR 2102 Residential Systems
- Create FAC 2202 Carpentry
- Create FAC 2203 Facilities Analysis and Troubleshooting
- Create FAC 2212 Plumbing

Beginning with the Fall 2006 semester in the Air Conditioning and Refrigeration curriculum requirements for Associate of Applied Science degree, create areas of emphasis to pursue within the degree - Air Conditioning and Refrigeration, and Facilities Management, and:

- Change the course number for Heat Gain and Loss from ACR 1704 to ACR 2104
- Change the course number for Residential Systems from ACR 1802 to ACR 2102
- Change the course number for Air Conditioning Service from ACR 1902 to ACR 2112
- Change the course number for Industrial Controls from ELT 1202 to ACR 1222
- Require a prerequisite of ACR 1302 Basic Compression and Refrigeration before taking ACR 2104 Heat Gain and Loss
- Require a prerequisite of ACR 1302 Basic Compression and Refrigeration and ACR 1203 Fundamentals of Electricity before taking ACR 2102 Residential Systems
- Change the course number for Industrial Refrigeration from ACR 2204 to ACR 2114
- Change the course number for Sheet Metal from ACR 2304 to ACR 2124
- Change the course number for Boiler Operations from ACR 2305 to ACR 2125
- Change the title for ACR 2904 from Externship to Internship
- Create FAC 2202 Carpentry
- Create FAC 2203 Facilities Analysis and Troubleshooting
- Create FAC 2212 Plumbing
- Create FAC 2222 Grounds Maintenance
- Create FAC 2903 Internship

### **Automotive Service Technology**

Beginning with the Fall 2006 semester in the Automotive Service Technology curriculum requirements for technical certification:

- Change the course number and title from AST 1104 Externship to AST 1904 Internship I
- Replace COM 1102 Technical Communication with BUS 1003 Business English, ENGL 0303 Foundational Composition or ENGL1013 Composition I
- Replace MTH 1102 Technical Mathematics with BUS 1023 Business Mathematics, MATH 0803 Beginning Algebra, or higher mathematics course
- Delete BUS 1302 Introduction to Computers in the Automotive Service Technology curriculum requirements for technical certification

Beginning with the Fall 2006 semester in the Automotive Service Technology curriculum requirements for Associate of Applied Science degree:

- Change the course number for Advanced Engine Performance from AST 2206 to AST 2113 and decrease the semester credit hours to three (3)
- Change the course number and title from AST 2904 Externship to AST 2903 Internship II and decrease the semester credit hours to three (3)

## **Business Technology**

Beginning with the Fall 2006 semester in the Business Technology curriculum requirements for technical certification:

- Replace BUS 1003 Business English with BUS 1003 Business English, ENGL 0303 Foundational Composition or ENGL 1013 Composition I
- Replace BUS 1023 Business Mathematics with BUS 1023 Business Mathematics or MATH 0803 Beginning Algebra or higher mathematics course.

Beginning with the Fall 2006 semester in the Business Technology Medical Transcription curriculum requirements for technical certification:

- Replace BUS 1003 Business English with BUS 1003 Business English, ENGL 0303 Foundational Composition or ENGL 1013 Composition I

## **Computer Information Systems**

Beginning with the Fall 2006 semester in the Computer Information Systems curriculum requirements for technical certification:

- Change the course number for Microcomputer Applications from CIS 1132 to CIS 1133 and increase the semester credit hours to three (3)
- Delete the requirement for CIS 1313 Externship
- Replace COM 1102 Technical Communication with BUS 1003 Business English, ENGL 0303 Foundational Composition or ENGL 1013 Composition I
- Replace MTH 2102 Technical Algebra with BUS 1023 Business Mathematics, MATH 0803 Beginning Algebra, or higher mathematics course

Beginning with the Fall 2006 semester in curriculum requirements for Associate of Applied Science degree:

- Change the course title of CIS 2903 from Externship to Internship.

## **Collision Repair Technology**

Beginning with the Fall 2006 semester in the Collision Repair Technology curriculum requirements for technical certification:

- Replace CRT 1904 Externship with CRT 2904 Externship
- Change the title for CRT 2904 from Externship to Internship
- Replace COM 1102 Technical Communication with BUS 1003 Business English, ENGL 0303 Foundational Composition or ENGL 1013 Composition I
- Replace MTH 1102 Technical Mathematics with BUS 1023 Business Mathematics, MATH 0803 Beginning Algebra, or higher mathematics course
- Delete BUS 1302 Introduction to Computers

Beginning with the Fall 2006 semester in the curriculum requirements for the Associate of Applied Science degree:

- Change the title for CRT 2904 from Externship to Internship

## **Electronics Technology**

Effective with the Fall 2006 semester, in the curriculum requirements for the technical certificate, change the name of the program from Electronics Technology to Industrial Control Systems, remove the choice of area of emphasis (Computer Electronics Technology and Automated Maintenance Technology), and make the changes listed below:

- Change course title of ELT 1104 from DC Fundamentals to Fundamentals of Electricity
- Change the course number for Introduction to Digital Logic from ELT 1114 to ELT 1113 and decrease the credit hours to three (3)
- Change the course number for Basic Programming from ELT 1103 to ELT 1102 and decrease the credit hours to two (2)
- Change the course number for Semiconductors I from ELT 1214 to ELT 1123 and decrease the credit hours to three (3)
- Change the course number for Semiconductors II from ELT 1306 to ELT 2202 and decrease the credit hours to two (2)
- Change the course number and title from ELT2223 Computer Interfacing to ELT 2214 Computer Interfacing and Networks
- Delete ELT 1224 AC Fundamentals
- Delete ELT 1223 Computer Operating System
- Delete ELT 2131 Industrial Trade Techniques
- Delete ELT 2205 Advanced Microcomputer Processors
- Delete ELT 2131 Circuit Board Fabricators

Beginning with the Fall 2006 semester in the curriculum requirements for Associate of Applied Science degree change the name of the program from Electronics Technology to Computer Automation Electronics, remove the choice of area of emphasis (Computer Electronics Technology and Automated Maintenance Technology), and:

- Change course title of ELT 1104 from DC Fundamentals to Fundamentals of Electricity
- Change the course number for Introduction to Digital Logic from ELT 1114 to ELT 1113 and decrease the credit hours to three (3)
- Change the course number for Basic Programming from ELT 1103 to ELT 1102 and decrease the credit hours to two (2)
- Change the course number for Semiconductors I from ELT 1214 to ELT 1123 and decrease the credit hours to three (3)
- Change the course number for Semiconductors II from ELT 1306 to ELT 2202 and decrease the credit hours to two (2)
- Change the course number and title from ELT2223 Computer Interfacing to ELT 2214 Computer Interfacing and Networks
- Change the course name and title from ELT 2905 Externship to ELT 2903 Internship
- Delete ELT 1224 AC Fundamentals
- Delete ELT 1223 Computer Operating System
- Delete ELT 2131 Industrial Trade Techniques
- Delete ELT 2205 Advanced Microcomputer Processors
- Delete ELT 2131 Circuit Board Fabricators

## **Paramedic/Emergency Medical Services**

Beginning with the Fall 2006 semester in the Paramedic/Emergency Medical Services curriculum requirements for technical certification:

- Change the course number for Basic Emergency Medical Services from EMTP 1006 to EMTP 1007 and increase the semester credit hours to seven (7)
- Create EMTP 1107 Intermediate EMT Training
- Change the requirement from EMTP 1006 to EMTP 1007 or EMTP 1107
- Change the course number for Pharmacology I from EMTP1102 to EMTP1113 and increase the semester credit hours to three (3)
- Change the course number and title from EMTP 1112 Pre-hospital Environment I to EMTP1123 Pre-hospital Environment and increase the semester credit hours to three (3)
- Change the course number for Anatomy and Physiology from EMTP 1122 to EMTP 1133 and increase the semester credit hours to three (3)
- Change the course number for Clinical Practicum II from EMTP 1306 to EMTP 1305 and reduce the semester credit hours to five (5)
- Delete EMTP 1402 Pre-hospital Environment II
- Change the course number for Assessment Based Management from EMTP 1501 to EMTP 1512 and increase the semester credit hours to two (2)
- Delete MTH 1102 Technical Mathematics

Beginning with the Fall semester in the Paramedic/Emergency Medical Services curriculum requirements for Associate of Applied Science degree:

- Change the course number for Basic Emergency Medical Services from EMTP 1006 to EMTP 1007 and increase the semester credit hours to seven (7)
- Create EMTP 1107 Intermediate EMT Training
- Change the requirement from EMTP 1006 to EMTP 1007 or EMTP 1107
- Change the course number for Pharmacology I from EMTP1102 to EMTP1113 and increase the semester credit hours to three (3)
- Change the course number and title from EMTP 1112 Pre-hospital Environment I to EMTP1123 Pre-hospital Environment and increase the semester credit hours to three (3)
- Change the course number for Anatomy and Physiology from EMTP 1122 to EMTP 1133 and increase the semester credit hours to three (3)
- Change the course number for Clinical Practicum II from EMTP 1306 to EMTP 1305 and reduce the semester credit hours to five (5)
- Delete EMTP 1402 Pre-hospital Environment II
- Change the course number for Assessment Based Management from EMTP 1501 to EMTP 1512 and increase the semester credit hours to two (2)

## **Welding Technology**

Beginning with the Fall 2006 semester in the curriculum requirements for technical certification in Welding Technology:

- Replace COM 1102 Technical Communication with BUS 1003 Business English, ENGL 0303 Foundational Composition or ENGL 1013 Composition I
- Replace MTH 2102 Technical Algebra with BUS 1023 Business Mathematics, MATH 0803 Beginning Algebra, or higher mathematics course
- Delete BUS 1302 Introduction to Computers
- Change the course number for Position Welding from WLD 1407 to WLD 1405 and reduce the semester credit hours to five (5)

Beginning with the Fall 2006 semester in the Welding Technology curriculum requirements for Associate of Applied Science degree:

- Change the course number for Position Welding from WLD 1407 to WLD 1405 and reduce the semester credit hours to five (5)
- Require WLD 1402 Welding for Trades and Industry.

V. Other Business

VI. Adjourn