APR 2 2 2004

**UK**
**LEXINGTON**
**COMMUNITY COLLEGE**

## Application for Offering a Course Using a Distance Education Format

Course Prefix and Number:  **CIS 262**

Course Title:  **Microsoft Windows Network Infrastructure**

Course Description:  This course provides students with the knowledge and skills necessary to install, configure, manage, and support a network infrastructure using a Microsoft Windows server operating system. This course will also help prepare students for exams in the Microsoft certification exam series.

Course Objectives/Competencies:

Upon successful completion of this course, the student can:

- Configure the DHCP Server service.

- Configure the DNS Server service.

- Configure WINS.

- Configure network security protocols.

- Configure network security using Public Key Infrastructure (PKI).

- Configure network security using Internet Protocol Security (IPSec).

- Configure remote access to a network.

- Support remote access to a network.

- Extend remote access capabilities by using Internet Authentication Service (IAS).

- Configure a computer running Windows as a network router.

- Configure Internet access for a network.

- Configure a Web server.

- Deploy a Windows client operating system by using Remote Installation Services (RIS).

Revised 10/02

Identify and resolve network connectivity problems by using Windows troubleshooting tools and utilities.

- Enable network connectivity between NetWare, Macintosh, and UNIX networks.

2. Effective date (semester and year): First Summer Session, 2004

3. Describe the type of distance learning delivery method to be used.

   This course will be taught via the Internet.

4. Describe how the course will achieve, in new ways, the same learning outcomes as when the course is taught by traditional delivery methods.

   This course will be taught as a web-based distance course, using an online course management system. Traditional features such as homework assignments and exams will be supplemented with online chats, threaded discussions, and web-based content delivery. Attendance at an orientation session and other "live" events may be required and will be listed in the course syllabus. Submission of assignments via email or a course management system drop box may also be required. If the course has a lab component, completion of lab assignments may require attendance onsite at LCC or other facilities.

5. Describe the availability of related services such as labs, library, research, and supplemental information.

   Students have access to library research materials via the web, including Kentucky Virtual Library databases and other library databases. Students have access to traditional print research materials in local public libraries and via interlibrary loan.

6. For web courses: Describe how ADA compliance has been assessed to ensure accessibility of course content for students with disabilities.

   The course will be screened for ADA compliance using the accessibility guidelines and/or tools at LCC's Wider World Web site. Screening will take place before the course is listed in the printed or online schedule of classes.

7. Describe how appropriate levels of faculty-student and student-student interaction will be achieved.

   Students may interact with the instructor via e-mail, telephone, fax, and student-faculty threaded discussions. Students may interact with each other via e-mail, telephone, fax, threaded discussions and web-based chat. Participation in threaded discussions may be required.

8. Describe any technical requirements for remote sites (ITV, computer hardware/software, and special equipment).

# UK LEXINGTON COMMUNITY COLLEGE

Program/Area:

Computer Information Systems

Program/Area Coordinator:

_Thms Pypaulan_     Date: _3/11/04_

Division:

Behavioral Sciences and Information Systems Technologies

Division Program Development Committee Chair

_Anthony Ron_     Date: _2/27/04_

Division Chair:

_Delilia Holt_     Date: _3/11/04_

Academic Council for Lexington Community College Chair:

_____ Date: _4-21-04_

This form is applicable for proposals that do not have to be submitted to the UK Senate.
Examples include but are not limited to the following:
- Application for Removal from General Education List
- Application for Inclusion on General Education List
- Addition to, Change in, or Deletion from *Lexington Community College Credit for External Experiences Manual*
- Application for Offering a Course Using a Distance Education Format