EDISON STATE
COLLEGE

CURRICULUM COMMITTEE
ACADEMIC YEAR 2013-2014

NEW COURSE PROPOSAL FORM

ACADEMIC AREA:	**SCHOOL OF BUSINESS AND TECHNOLOGY**
PROGRAM:	AS NETWORKING SERVICES TECHNOLOGY
PROPOSED BY:	ANDREW BLITZ
PRESENTER:	ANDREW BLITZ
SUBMISSION DATE:	10/4/2013
COURSE PREFIX, NUMBER AND TITLE:	CTS2346 MICROSOFT WINDOWS SERVER ADMINISTRATION

SECTION I

COURSE INFORMATION:	TYPE IN THE APPROPRIATE INFORMATION FOR EACH ITEM:
DEPARTMENT	BUSINESS AND TECHNOLOGY
COURSE PREREQUISITE(S):	CTS 2334 MICROSOFT WINDOWS SERVER
DO YOU ANTICIPATE THAT STUDENTS WILL BE TAKING ANY OF THE PREREQUISITES LISTED FOR THIS COURSE IN DIFFERENT PARTS OF THE SAME TERM?	NO
MINIMUM GRADE OF PREREQUISITE(S):	C
COURSE COREQUISITE(S):	NONE
IS ANY COREQUISITE LISTED ON THIS COURSE LISTED AS A COREQUISITE ON ITS PAIRED COURSE? EXAMPLE: CHM 2032 IS A COREQUISITE FOR CHM 2032L AND CHM 2032L IS A COREQUISITE FOR CHM 2032.	NO
COURSE CREDITS OR CLOCK HOURS:	3 CREDITS
CREDIT TYPE:	COLLEGE CREDIT (TRANSFERABLE)
CONTACT HOURS:	3

COURSE DESCRIPTION:
THIS MICROSOFT CERTIFICATION COURSE PROVIDES STUDENTS WITH THE KNOWLEDGE AND SKILLS TO IMPLEMENT, MONITOR, AND MAINTAIN WINDOWS SERVERS. THE SKILLS THE STUDENTS WILL LEARN WILL ENABLE THEM TO PERFORM THE DUTIES OF A SERVER ADMINISTRATOR, AND DEPLOY MICROSOFT WINDOWS SERVERS WITH ACTIVE DIRECTORY SERVICES.

GENERAL TOPIC OUTLINE:	

- PLANNING FOR SERVER DEPLOYMENT

- PLANNING FOR SERVER MANAGEMENT

- MONITORING AND MAINTAINING SERVERS

- PLANNING APPLICATION AND DATA PROVISIONING

- PLANNING FOR BUSINESS CONTINUITY AND HIGH AVAILABILITY

LEARNING OUTCOMES:

TYPE IN ALL OF THE LEARNING OUTCOMES, ASSESSMENTS AND GEN ED COMPETENCIES AS THEY SHOULD BE DISPLAYED IN THE SYLLABUS

LEARNING OUTCOMES	ASSESSMENTS	GENERAL EDUCATION COMPETENCIES
Demonstrate ability to plan for server deployment	Students will demonstrate competency through lab activities, case studies and exams	TIM, CT
Demonstrate ability to plan for server management	Students will demonstrate competency through lab activities, case studies and exams	TIM, CT
Demonstrate ability to monitor servers for performance evaluation and optimization	Students will demonstrate competency through lab activities, case studies and exams	TIM, CT
Demonstrate ability to provision applications, virtualization, terminal server infrastructure, resource allocation, application virtualization alternatives, application deployment, System Center Configuration Manager	Students will demonstrate competency through lab activities, case studies and exams	TIM, CT
Demonstrate ability to plan backups, data recovery procedures, server recovery strategy, and directory service recovery.	Students will demonstrate competency through lab activities, case studies and exams	TIM, COM

SECTION II (MUST COMPLETE EACH ITEM BELOW)

ICS CODE FOR THIS COURSE:	**ADVANCED AND PROFESSIONAL - 1.16.07 - COMPUTER & INFO SCIENCE**
IF YOU INTEND TO RESTRICT STUDENT REGISTRATION BASED ON THE STUDENTS' MAJOR(S), ENTER ALL APPLICABLE MAJOR RESTRICTION CODE(S)—ENTER "NA" OR MAJOR CODE(S):	NA
GRADE MODE:	STANDARD GRADING
IS THIS AN "INTERNATIONAL OR DIVERSITY FOCUS" COURSE?	NO
IS THIS A GENERAL EDUCATION COURSE?	NO
IS THIS A WRITING INTENSIVE COURSE?	NO
IS THIS AN HONORS COURSE?	NO
IS THIS A REPEATABLE* COURSE? (A repeatable course may be taken more than one time for additional credits. For example, MUT 2641, a 3-credit hour course, can be repeated 1 time and a student can earn a maximum of 6 credits.) *not the same as Multiple Attempts or Grade Forgiveness	NO
IF "YES", WHAT IS THE MAXIMUM NUMBER OF CREDITS A STUDENT CAN EARN FOR THIS COURSE? IF "NO", ENTER "NA".	NA
DO YOU EXPECT TO OFFER THIS COURSE THREE TIMES OR LESS (EXPERIMENTAL)?	NO
WILL THIS COURSE HAVE AN IMPACT ON OTHER COURSES, PROGRAMS, DEPARTMENTS, OR BUDGETS?	NO
IF "YES," PLEASE EXPLAIN OR SUBMIT COMMENTS (ENTER "NA" OR COMMENTS):	NA
IF "YES," HAVE YOU DISCUSSED THIS PROPOSAL WITH ANYONE (FROM OTHER DEPARTMENTS, PROGRAMS, OR OTHER INSTITUTIONS) REGARDING THE IMPACT? WERE ANY AGREEMENTS MADE (ENTER "NA" OR COMMENTS)?	NA

SECTION III (MUST COMPLETE EACH ITEM BELOW)

PROVIDE JUSTIFICATION FOR <u>EACH</u> CHANGE ON THIS PROPOSED CURRICULUM ACTION (OTHER EXPLANATORY INFORMATION)—ENTER "NA" OR TEXT:

THIS COURSE IS CURRENTLY UNDER DEVELOPMENT FOR THE FRC-TEC GRANT OFFERED BY FLORIDA STATE COLLEGE AT JACKSONVILLE FOR USE BY THE FLORIDA VIRTUAL COLLEGE, THE GRANT CONSORTIUM MEMBERS AND PARTICIPANTS IN THE STATE WORKFORCE PROGRAM. THIS SECOND LEVEL SERVER COURSE BUILDS ON OUR CURRENTLY OFFERED CTS2334 WINDOWS SERVER COURSE AND IS REQUIRED FOR THE MICROSOFT CERTIFIED SYSTEMS ENGINEER INDUSTRY CERTIFICATION.

NOTE: Changes for the Fall 2014 Term must be submitted by the January 2014 deadline and approved no later than the February 2014 Curriculum Committee meeting prior to the start of the next academic year. Changes during mid-school year are NOT permitted. Extreme circumstances will require approval from the appropriate dean as well as the Vice President, Academic Affairs to begin in either the spring or summer term.

TERM IN WHICH PROPOSED ACTION WILL TAKE PLACE:
EXCEPTION - REQUIRES 2 APPROVALS

SPRING 2014

ORDER OF APPROVAL FOR EXCEPTIONS IS AS FOLLOWS:

SIGNATURE #1 NEEDED FOR EFFECTIVE TERM EXCEPTION:

X _[signature]_ 10/8/13
DISTRICT DEAN OF INSTRUCTION

SIGNATURE #2 NEEDED FOR EFFECTIVE TERM EXCEPTION:

X _David G. Wright_ 10/14/13
VICE PRESIDENT OF ACADEMIC AFFAIRS

FACULTY ENDORSEMENTS:
PLEASE SEPARATE FACULTY MEMBERS WITH A COMMA (,)

Professor Andrew Blitz, Professor Vincent Butler

DEPARTMENT CHAIR / PROGRAM COORDINATOR ENDORSEMENT:

Douglas Nay

10/4/2013

DEAN ENDORSEMENT:

John Meyer

10/4/2013

DEANS' COUNCIL REVIEW – VERIFIED BY:

Mary C. Myers 10/15/13 PLEASE SELECT TODAY'S DATE

FOR CURRICULUM COMMITTEE MEETING DATE: **NOVEMBER 22, 2013**

Completed curriculum proposals must be uploaded to the dropbox by the deadline. Please refer to the *Curriculum Committee Critical Dates for Submission for Proposals* document available in the document manager in the MyEdisonState Portal:

- Document Manager
- VP Academic Affairs
- Curriculum Process Documents