## NEW program PROPOSAL FORM

**ACADEMIC AREA:** BUSINESS AND TECHNOLOGY

**PROPOSEd by**: SCOTT VANSELOW

**PRESENTER:** click here to tYPE IN NAME OF FACULTY MEMBER presenTING PROPOSAL

**SUBMISSION DATE:** 11/9/2011

**select one: NEW CERTIFICATE PROGRAM**

**Program Name:**

### Information Technology Management (CCC - 0507030404) SECTION I

**program Description:**

Attach the proposed catalog page with program information, along with samples of curricula for similar programs at other institutions.

This certificate program is part of the Networking Services Technology AS/AAS degree program (0507.030401).

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Information Technology career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order rea­soning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Information Technology career cluster.

The content includes but is not limited to plan, install, configure, monitor, troubleshoot and manage computer networks in a LAN/WAN environment. Students will be prepared to apply conceptual and theoretical knowledge to the workplace utilizing technical skills learned during the program.

Program Requirements

**Certificate Core Requirements (30 Credit Hours)**

CGS 1100 Microcomputer Skills (3 credits)

CGS 2260 Computer Hardware/Software (3 credits)

CNT 1000 Networking Essentials (3 credits)

COP 1000 Introduction to Computer Programming (3 credits)

CIS 2321 Data Systems & Management (3 credits)

COP 1822 Internet Programming – HTML (3 credits)

CTS 2321 Linux Internet Servers (3 credits)

CTS 2334 Microsoft Windows Server (3 credits)

CTS 2655 Internetworking w/ Cisco Routers (3 credits)

CTS 2000 level elective or internship (3 credits)

**CERTIFICATE TOTAL: 30 CREDIT HOURS**

**similar programs at other florida community colleges/state universities:**

Chipola

<http://www.chipola.edu/catalog/2010-11/Degree%2520Programs.pdf>

CET 1174C Introduction to Microcomputer Main./Repair

CET 1513 Microcomputer Operating Systems

CET 1600 Introduction to Networking & Communications

CET 1486 Introduction to LAN Management

CET 1811 Microsoft Systems Administration

CET 2722 Microsoft Advanced Systems Administration

CET 2605 Introduction to Network Routing & Switching

CET 2724 Administering Network Infrastructure

CET 2660 Introduction to Network Security

CET 2590 Introduction to UNIX/Linux System Administration

CET 1941/2949 Internship/Cooperative Education

Daytona

<http://www.daytonastate.edu/WebCollegeCatalog/catalog.jsp?major=0904&cat=CC11&major2_no=673&archive=false>

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| --- | --- | --- | --- |
| **Course** | **Title** |  |  |
|  |  | **SEM HRS** |  |
| [CTS2306](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CTS2306&cat=CC11) | Microsoft Windows Professional | 4.00 |  |
| [CET1178](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CET1178&cat=CC11) | A+:Computer Hardware | 2.00 | *Conc-Reqs:*[*CET1178L*](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CET1178L&cat=CC11) |
| [CET1178L](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CET1178L&cat=CC11) | A+:Computer Hardware Lab | 1.00 | *Conc-Reqs:*[*CET1178*](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CET1178&cat=CC11) |
| [CET1600](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CET1600&cat=CC11) | Network Plus | 4.00 |  |
| [CET2154](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CET2154&cat=CC11) | A+:Computer Operating Systems | 4.00 |  |
| [CET2615](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CET2615&cat=CC11) | Advanced Cisco Router Configuration | 4.00 | *Pre-Reqs:*[*CET1600*](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CET1600&cat=CC11) |
| [CET2660](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CET2660&cat=CC11) | Fundamentals of Network Security | 4.00 | *Pre-Reqs:*[*CEN2304*](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CEN2304&cat=CC11) |
| [CTS2328](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CTS2328&cat=CC11) | Managing and Maintaining a Windows Network Environment | 4.00 | *Pre-Reqs:*[*CTS2306*](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=CTS2306&cat=CC11) |
| [EET1607](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=EET1607&cat=CC11) | Electronics Assembly and Cabling | 2.00 | *Conc-Reqs:*[*EET1607L*](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=EET1607L&cat=CC11) |
| [EET1607L](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=EET1607L&cat=CC11) | Electronics Assembly and Cabling Lab | 1.00 | *Conc-Reqs:*[*EET1607*](http://www.daytonastate.edu/WebCollegeCatalog/crsinfopanel.jsp?crs_no=EET1607&cat=CC11) |

**TOTaL CREDIT HOURS:** CLICK HERE TO ENTER TEXT

**DESCRIBE THE PROCESS BY WHICH THE NEED FOR THE NEW PROGRAM WAS IDENTIFIED:**

Investigation of current state framework and similar institutions, consultation with advisory group

**PROJECT AVERAGE ENROLLMENT FOR CORE COURSES:**

CLICK HERE TO ENTER TEXT

**DESCRIBE HOW THIS PROJECTION WAS DETERMINED:**

CLICK HERE TO ENTER TEXT

### SECTION II

**LIST PERSONNEL RESOURCES REQUIRED FOR IMPLEMENTATION IN ADDITION TO EXISTING RESOURCES:**

|  |  |
| --- | --- |
| FACULTY POSITION(S) (LIST DISCIPLINE) | FULL TIME OR ADJUNCT? |
|  |  |
|  |  |
|  |  |

|  |  |
| --- | --- |
| staff POSITION(S) (List title) | FULL TIME OR part time? |
|  |  |
|  |  |
|  |  |

**total annual expenses for new positions:**

CLICK HERE TO ENTER TEXT

**list annual amount required for educational materials/supplies or other operating expenses for implementation:**

CLICK HERE TO ENTER TEXT

**identify the funding source to be used for personnel and operating expenses:**

CLICK HERE TO ENTER TEXT

### SECTION III

**PROVIDE JUSTIFICATION FOR CURRICULUM ACTION (OTHER EXPLANATORY INFORMATION):**

This certificate would be suitable for students to complete as a stepping stone on their way to the Networking Services AS degree or for students who would like to learn general I.T. skills and knowledge in this field but do not want to complete the general education requirements.

**NOTE:**

CHANGES FOR THE UPCOMING FALL TERM MUST BE SUBMITTED AND APPROVED NO LATER THAN THE FEBRUARY CURRICULUM COMMITTEE MEETING PRIOR TO THE START OF THE NEXT ACADEMIC YEAR. CHANGES DURING MID-SCHOOL YEAR ARE NOT ALLOWED. EXTREME CIRCUMSTANCES WILL REQUIRE APPROVAL FROM THE DISTRICT DEAN OF INSTRUCTION AS WELL AS THE VICE PRESIDENT OF ACADEMIC AFFAIRS TO BEGIN IN THE SPRING TERM. THE PROPOSED CHANGES MUST BE PRESENTED AND APPROVED BY THE SEPTEMBER CURRICULUM COMMITTEE PRIOR TO THE SPRING SEMESTER.

**TERM IN WHICH PROPOSED ACTION WILL TAKE PLACE:**

FALL 2012 TYPE IN TERM IF “EXCEPTION” AND OBTAIN BOTH SIGNATURES BELOW OR TYPE “NA”

**oRDER OF APPROVAL FOR EXCEPTIONS IS AS FOLLOWS:**

SIGNATURE #1 NEEDED FOR EFFECTIVE TERM EXCEPTION:



SIGNATURE #2 NEEDED FOR EFFECTIVE TERM EXCEPTION:



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



**DEPARTMENT CHAIR / PROGRAM COORDINATOR ENDORSEMENT:**

 11/9/2011

**ASSOCIATE / ACADEMIC DEAN ENDORSEMENT:**

 11/9/2011

**DEANS’ COUNCIL Review – verified by:**

 11/16/2011

**STUDENT ASSESSMENT COMMITTEE CHAIR ENDORSEMENT:**

 PLEASE SELECT TODAY’S DATE

**FOR CURRICULUM COMMITTEE MEETING DATE:**



AFTER REVIEWING AND SIGNING THIS PROPOSAL, THE DISTRICT DEAN WILL RETURN THE PROPOSAL TO THE DEPARTMENT CHAIR OR PROGRAM COORDINATOR WILL SUBMIT THE PROPOSAL TO THE VPAA OFFICE. THE DEPARTMENT CHAIR/PROGRAM COORDINATOR WILL SEND THIS PROPOSAL ALONG WITH ANY OTHER PROPOSALS FROM HIS/HER DEPARTMENT BEING SUBMITTED FOR REVIEW BY THE CURRICULUM COMMITTEE TO THE STUDENT ASSESSMENT COMMITTEE FOR REVIEW. ONCE APPROVED BY THE STUDENT ASSESSMENT COMMITTEE, SUBMIT THE PROPOSAL(S) TO DROPBOX BY THE MEETING DUE DATE. FOR MORE DETAILS, PLEASE REFER TO THE CURRICULUM COMMITTEE MANUAL: www.edison.edu/facultystaff/curriculum.php