## NEW program PROPOSAL FORM

**ACADEMIC AREA:** BUSINESS AND TECHNOLOGY

**PROPOSEd by**: albert dambrose

**PRESENTER:** albert dambrose

**SUBMISSION DATE:** 11/10/2011

**select one: NEW AS DEGREE**

**Program Name:**

CIVIL ENGINEERING technoloGy (1715020101)

### SECTION I

**program Description:**

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

THE CIVIL ENGINEERING TECHNOLOGY PROGRAM SIMULATES JOB SITUATIONS FOUND IN A CIVIL ENGINEERING AND LAND SURVEYING OFFICES. THIS PROGRAM APPLIES TO THE FIELD LAYOUT OF PROPERTY BOUNDARY LINES, SUBDIVISION, RESIDENTIAL BUILDING CONSTRUCTION AND COMMERCIAL BUILDING CONSTRUCTION.

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

VALENCIA COLLEGE

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

in an effort to streamline the existing drafting and design as degree, the advisory committee developed a streamlined version of this new program.

**PROJECT AVERAGE ENROLLMENT FOR CORE COURSES:**

similar to existing drafting and design degree

**DESCRIBE HOW THIS PROJECTION WAS DETERMINED:**

existing

### SECTION II

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

|  |  |
| --- | --- |
| FACULTY POSITION(S) (LIST DISCIPLINE) | FULL TIME OR ADJUNCT? |
| no change |  |
|  |  |
|  |  |

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

**total annual expenses for new positions:**

No change

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

No change

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

|  |  |
| --- | --- |
| General Education Requirements:ENC 1101 - Composition I 3 creditsSPC 1017 - Fundamentals of Speech Communication OR SPC20203 – Public Speaking 3 creditsAny college level Mathematics course\* – 3 credit(s)Social Sciences course\* – 3 credit(s)Humanities course\* – 3 credit(s)Natural Sciences course\* – 3 credit(s)\*Mathematics, Social Sciences, Humanities and Natural Sciences must all be selected from the courses listed in the Associate of Arts General Education Degree Program Guide (AA). | 18 |
|  |
| Foundation Courses: |  |
| BCN 1040 | Introduction to Sustainability in Construction | 3 |  |
| EGS 1001 | Introduction to Engineering | 3 |  |
| ETD 1320 | Computer Aided Drafting | 3 |  |
| BCN 1272 | Blueprint Reading | 3 |  |
| BCN 2710 | Construction Procedures | 4 |  |
| ENC 1102 | Composition II | 3 |  |
|  | 19 |
| Advanced Courses: |
| MAC 1140 | Pre-Calculus Algebra\*\* | 3 |  |
| MAC 1114 | Trigonometry\*\* | 3 |  |
| SUR 1100c | Basic Surveying and Measurement | 4 |  |
| SUR 2140C | Advanced Surveying | 4 |  |
| ETD 1103C | Engineering Graphics CAD | 4 |  |
| GIS 1040 | Geographic Information Systems (GIS) | 3 |  |
| GIS 1045 | Geographic Information Systems (Customization) | 3 |  |
|  | \*\*Alternate Math to MAC1140 and MAC1114: MAC 1147Electives (Chosen from ARC 1211, any BCT prefix, any BCN prefix, any ETD prefix, CGS 1100, SLS 1515, SLS 1301, SLS 1350, GEB 1949) | 2 |  |
|  |  |  | 26 |
| Program Total | 63 |

funding will remain the same. existing drafting and design program funding will flow into new program.

### SECTION III

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

This new program brings clarity to the existing drafting and design degree.

**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:**

 PLEASE SELECT TODAY’S DATE

**ASSOCIATE / ACADEMIC DEAN ENDORSEMENT:**

 2/13/2012

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

 1/18/2012

**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