# Cover/Signature Page - Abbreviated Template/Abbreviated Template with Curriculum

**Institution Submitting Request:** Dixie State University
**Proposed Title:** Computer and Information Technology w/ Web Design & Development Emphasis
**Currently Approved Title:** NA
**School or Division or Location:** School of Science & Technology
**Department(s) or Area(s) Location:** CIT Department
**Recommended Classification of Instructional Programs (CIP) Code[1] (for new programs):** *11.0801*
**Current Classification of Instructional Programs (CIP) Code (for existing programs):** *NA*
**Proposed Beginning Date (for new programs):** 07/01/2016
**Institutional Board of Trustees' Approval Date:** *MM/DD/YEAR*

**Proposal Type (check all that apply):**

| SECTION NO. | | ITEM |
|---|---|---|
| Regents' General Consent Calendar Items | | |
| *R401-5 OCHE Review and Recommendation; Approval on General Consent Calendar* | | |
| **5.1.1** | ☐ | Minor* |
| **5.1.2** | ☒ | Emphasis* |
| **5.2.1** | ☐ | Certificate of Proficiency* |
| **5.2.3** | ☐ | Graduate Certificate* |
| **5.4.1** | ☐ | New Administrative Unit |
| | ☐ | Administrative Unit Transfer |
| | ☐ | Administrative Unit Restructure |
| | ☐ | Administrative Unit Consolidation |
| **5.4.2** | ☐ | New Center |
| | ☐ | New Institute |
| | ☐ | New Bureau |
| **5.5.1** | ☐ | Out-of-Service Area Delivery of Programs |
| **5.5.2** | ☐ | Program Transfer |
| | ☐ | Program Restructure |
| | ☐ | Program Consolidation |
| **5.5.3** | ☐ | Name Change of Existing Programs |
| **5.5.4** | ☐ | Program Discontinuation |
| | ☐ | Program Suspension |
| **5.5.5** | ☐ | Reinstatement of Previously Suspended Program |
| | ☐ | Reinstatement of Previously Suspended Administrative Unit |

*Requires "Section V: Program Curriculum" of Abbreviated Template

**Chief Academic Officer (or Designee) Signature**:

---

[1] CIP codes must be recommended by the submitting institution. For CIP code classifications, please see http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55.

I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

_____
**Signature**          **Date:** *MM/DD/YEAR*

**Printed Name:** *Name of CAO or Designee*

# Program Request - Abbreviated Template
Dixie State University
Emphasis - Computer and Information Technology w/ Web Design & Development Emphasis
09/29/2015

## Section I: Request

We are requesting to change required items of the emphasis as follows: Web 3000, 4000, and 4010 will be replaced with Web 3400, 3200, and 4200 respectively. Web 4400 is being added. Elective credits are being reduced by 3 to accommodate.

Additionally, the elective choices are undergoing several additions and deletions (see Section V: Program Curriculum).

## Section II: Need

In consultation with our local web design experts, this WEB course restructuring will enhance the knowledge and skills of our graduates, helping them gain and maintain competitive employment.

## Section III: Institutional Impact

The institutional impact of these changes will be minimal.

## Section IV: Finances

There will be minimal financial impact due to these changes.

## Section V:  Program Curriculum
### ***THIS SECTION OF THE TEMPLATE REQUIRED FOR EMPHASES, MINORS, AND CERTIFICATES ONLY***

**All Program Courses (with New Courses in Bold)**

| Course Prefix and Number | Title | Credit Hours |
|---|---|---|
| General Education Courses | | |
| | Sub-Total | 31 |
| Web Design & Development Required Courses | | |
| CS 1400 | Fundamentals of Programming | 3 |
| CS 1410 | Object-Oriented Programming | 3 |
| DES 1300 | Communication Design | 3 |
| DES 2500 | Computer Illustration | 3 |
| DES 2600 | Creative Imaging | 3 |
| DES 3620 | Typography | 3 |
| ENGL 3010 | Writing in the Professions | 3 |
| IT 1100 | Introduction to Operating Systems | 3 |
| IT 2400 | Introduction to Networking | 3 |
| IT 3100 | Systems Design and Administration I | 3 |

| Course Prefix and Number | Title | Credit Hours |
|---|---|---|
| IT 4300 | Database Design and Management | 3 |
| WEB 1400 | Web Design I: Fundamentals | 3 |
| WEB 3000 | Internet Publishing and Design | 3 |
| WEB 3100 | Interactive Multimedia | 3 |
| **WEB 3200** | **Web Application Development I** | **3** |
| **WEB 3400** | **Web Design II: Essentials** | **3** |
| WEB 3500 | Electronic Commerce | 3 |
| WEB 3550 | Internet and E-commerce Marketing | 3 |
| WEB 4000 | Dynamic Web Development | 3 |
| WEB 4010 | Interactive Web Development | 3 |
| **WEB 4200** | **Web Application Development II** | **3** |
| **WEB 4400** | **Web Design III: Advanced Techniques** | **3** |
| WEB 4600 | Senior Project | 3 |
| Complete one of the following: | | |
| MATH 1100 | Business Calculus | 3 |
| MATH 1210 | Calculus I | 5 |
| | **Sub-Total** | **63-65** |
| Web Design & Development Electives (12 credits from the following) | | |
| ART 2060 | Digital Photography | 3 |
| CS 2420 | Intro to Algorithms and Data Structures | 3 |
| CS 2450 | Software Engineering | 3 |
| CS 3005 | Programming in C++ | 3 |
| CS 3010 | Mobile Application Development for Android | 3 |
| **CS 3020** | **Mobile Application Development for IOS** | **3** |
| CS 3500 | Application Development | 3 |
| DES 2800 | Digital Publishing | 3 |
| DES 3300 | Intro to Digital Video Editing | 3 |
| DES 3600 | 3-D Visualization | 3 |
| DES 3800 | Corporate Identity | 3 |
| DES 4650 | Publication Design | 3 |
| IT 3110 | Systems Design and Administration II | 3 |
| IT 4200 | Advanced Web Delivery | 3 |
| IT 4400 | Network Design and Management | 3 |
| IT 4500 | Information Security | 3 |
| MKTG 3010 | Marketing Principles | 3 |
| **WEB 3450** | **Projects** | **3** |
| WEB 4900R | Independent Research | 1-3 |
| WEB 4920R | Internship | 1-3 |
| WEB 4990 | Seminar in Web Development | 1-3 |
| | **Sub-Total** | **12** |
| Dixie Elective Courses | | |
| | **Sub-Total** | **14** |
| | **Total Number of Credits** | **120** |

**Program Schedule**

| Suggested Program Schedule | | |
|---|---|---|
| **Year 1: Fall Semester** | | |
| WEB 1400 | Introduction to Internet Development | 3 |

| | | |
|---|---|---|
| DES 1300 | Communication Design | 3 |
| MATH 1100 | Business Calculus | 3 |
| CIT 1001 | FYE: Computer & Information Technology | 1 |
| English | ENGL 1010 *or* ENGL 1010A *or* ENGL | 3 |
| Information Literacy | LIB 1000 *or* 1010 | 0-1 |
| **Year 1: Spring Semester** | | |
| DES 2500 | Computer Illustration | 3 |
| DES 2600 | Creative Imaging | 3 |
| CS 1400 | Fundamentals of Programming | 3 |
| English | ENGL 2010 *or* ENGL 2010A | 3 |
| American Institutions | | 3-6 |
| **Year 2: Fall Semester** | | |
| DES 3620 | Typography | 3 |
| IT 1100 | Introduction to Operating Systems | 3 |
| CS 1410 | Object-Oriented Programming | 3 |
| Life Sciences | | 3-4 |
| Physical Sciences | | 3-4 |
| Laboratory Science | | 1 |
| **Year 2: Spring Semester** | | |
| IT 2400 | Introduction to Networking | 3 |
| IT 4300 | Database Design and Management | 3 |
| WEB 3400 | Web Design II: Essentials | 3 |
| Fine Arts | | 3 |
| Literature / Humanities | | 3 |
| **Year 3: Fall Semester** | | |
| IT 3100 | Systems Design and Administration I | 3 |
| WEB 3200 | Web Application Development I | 3 |
| WEB 3100 | Interactive Multimedia | 3 |
| WEB 4400 | Web Design III: Advanced Techniques | 3 |
| Exploration | | 3-5 |
| **Year 3: Spring Semester** | | |
| WEB 3500 | Electronic Commerce | 3 |
| WEB 3550 | Internet and E-commerce Marketing | 3 |
| Social & Behavioral Sciences | | 3 |
| ENGL 3010 | Writing in the Professions | 3 |
| Global & Cultural Perspectives | | 0-3 |
| **Year 4: Fall Semester** | | |
| WEB 4200 | Web Application Development II | 3 |
| WEB ELECTIVE | | 3 |
| WEB ELECTIVE | | 3 |
| Global & Cultural Perspectives | | 0-3 |
| Elective | | 0-3 |
| **Year 4: Spring Semester** | | |
| WEB 4600 | Senior Project | 3 |
| WEB ELECTIVE | | 3 |
| WEB ELECTIVE | | 3 |
| Elective | | 0-3 |

| Elective | | 0-3 |