Page 50
The following text was revised:
All associate degrees, certificates over 42 credit hours, and post AAS certificates require completion of TSI requirements.
The above text should now read as follows (effective Fall 2014):
All associate degrees, level II certificates and post AAS certificates require completion of TSI requirements.

Page 93
The following text was revised:
All associate degrees, certificates over 42 credit hours, and post AAS certificates require completion of TSI requirements.
The above text should now read as follows (effective Fall 2014):
All associate degrees, level II certificates and post AAS certificates require completion of TSI requirements.

Page 99
The following text was revised:

Biology
(Associate of Science degree offered at LSC-CyFair, Kingwood, Montgomery, North Harris, Tomball, and University Park)
The above text should now read as follows (effective Fall 2014):

Associate of Science in Biology
(AS_Biol degree offered at LSC-CyFair, Kingwood, Montgomery, North Harris, Tomball, and University Park)

Page 100
In the degree plan for Business Field of Study, first year, second semester, the following text was revised:

ACCT 2401 Principles of Accounting I 4

The above text should now read as follows (effective Fall 2014):

ACCT 2401 Principles of Financial Accounting 4

Page 101
In the degree plan for Business Field of Study, second year, second semester, the following text was revised:

MATH 1325 Elements Calculus w Applications 3

The above text should now read as follows (effective Fall 2014):

MATH 1325 Calculus for Business & Social Sciences 3

Page 107
LSC-Montgomery has been added to the campuses offering Machinist I Certificate (effective Fall 2014.)

Page 118
In the program plan for Taxation Certificate Marketable Skills Award, the following text was revised:

ACCT 2401 Principles of Accounting I 4

The above text should now read as follows (effective Fall 2014):

ACCT 2401 Principles of Financial Accounting 4

Page 119
In the program plan for Accounting Certificate, first year, first semester, the following text was revised:

ACCT 2401 Principles of Accounting I 4

The above text should now read as follows (effective Fall 2014):

ACCT 2401 Principles of Financial Accounting 4

In the program plan for Accounting Certificate, first year, second semester, the following text was revised:

ACCT 2402 Principles of Accounting II 4

The above text should now read as follows (effective Fall 2014):

ACCT 2402 Principles of Managerial Accounting 4
In the degree plan for Accounting Associate of Applied Science, first year, first semester, the following text was revised:

ACCT 2401 Principles of Accounting I 4

The above text should now read as follows (effective Fall 2014):

ACCT 2401 Principles of Financial Accounting 4

In the degree plan for Accounting Associate of Applied Science, first year, second semester, the following text was revised:

ACCT 2402 Principles of Accounting II 4

The above text should now read as follows (effective Fall 2014):

ACCT 2402 Principles of Managerial Accounting 4

Page 121

In the program plan for Administrative Support Certificate, the following text was revised:

Track D: Global Office Support Specialty C2_AGO2

ITSW 1310, ITSW 1407, IBUS 1305, IBUS 2341, POFT 1309, GEOG 1303; foreign language elective; choose either POFT 2380 or POFT 2386 for capstone course

Track E: Office Communications Specialty C2_AOC2

ITSW 1407, ITSC 2331, ITCW 1310, POFT 2331, ARTC 1302, ARTC 1313; any business or computer course; Choose POFT 2380 or 2386 for capstone course

The above text should now read as follows (effective Fall 2014):

Track D: Global Office Support Specialty C2_AGO2

ITSW 1310, ITSW 1307, IBUS 1305, IBUS 2341, POFT 1309, GEOG 1303; foreign language elective; choose either POFT 2380 or POFT 2386 for capstone course

Track E: Office Communications Specialty C2_AOC2

ITSW 1307, ITSC 2331, ITCW 1310, POFT 2331, ARTC 1302, ARTC 1313; any business or computer course; Choose POFT 2380 or 2386 for capstone course

Page 126

In the program plan for Business Operations Certificate, the course BCIS 1305 has been added. Thus, the total credit hours required for the certificate is now 18 (effective Fall 2014.)

Page 128

The following text has been revised:

INTEGRATED TECHNOLOGY ADVANCED CERTIFICATE

(C2_ITA2 certificate offered at LSC-North Harris)

<table>
<thead>
<tr>
<th>Prerequisite Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITSC 1301 Introduction to Computers OR COSC 1301 Introduction to Computers</td>
<td></td>
</tr>
</tbody>
</table>

FIRST YEAR

First Semester

ITSC 1305 Introduction to PC Operating Systems 3
ITSC 1325 Personal Computer Hardware 3
ENGL 1301 Composition & Rhetoric I 3

Second Semester

ITCC 1401 Cisco Exploration 1 - Network Fundamentals 4
ITCC 1404 Cisco Exploration 2 - Routing Protocols and Concepts 4
SPCH 1321 Business and Professional Communication 3

Third Semester

ITCC 2408 Cisco Exploration 3 - Lan Switching and Wireless 4
ITCC 2410 Cisco Exploration 4 - Accessing the WAN 4
MATH 1314 College Algebra 3

SECOND YEAR

First Semester

ITMT 1370 Windows 7 Client Configuration 70-680 3
ITMT 1371 Windows Server 2008 3
Technical Elective1 3–4
ITSY 1442 Information Technology Security OR 4
ITSC 1407 UNIX Operating System I 1

TOTAL Credits for Integrated Technology Advanced Certificate 47-48

1 Choose from: ITSE 1445, ITNW 2452, ITCY 2400, 2401, EECT 1371, 1307, ITMT 1372, ITMT 2370, ITCC 2441, ITMT 1373
The above text should now read as follows (effective Fall 2014):

**INTEGRATED TECHNOLOGY ADVANCED CERTIFICATE**

(C2_ITA2 certificate offered at LSC-North Harris)

<table>
<thead>
<tr>
<th>Prerequisite Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITSC 1301 Introduction to Computers OR COSC 1301 Introduction to Computers</td>
<td>3</td>
</tr>
</tbody>
</table>

**FIRST YEAR**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>ITSC 1305 Introduction to PC Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITSC 1325 Personal Computer Hardware</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ENGL 1301 Composition &amp; Rhetoric I</td>
<td>3</td>
</tr>
<tr>
<td>Second Semester</td>
<td>ITCC 1375 Introduction to Networks</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITCC 1376 Routing and Switching Essentials</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>SPCH 1321 Business and Professional Communication</td>
<td>3</td>
</tr>
<tr>
<td>Third Semester</td>
<td>ITCC 2378 Scaling Networks</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITCC 2379 Connecting Networks</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MATH 1314 College Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

**SECOND YEAR**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>ITMT 1370 Windows 7 Client Configuration 70-680</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITMT 1371 Windows Server 2008</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITSY 1442 Information Technology Security OR ITSC 1407 UNIX Operating System I</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>TOTAL Credits for Integrated Technology Advanced Certificate</td>
<td>40</td>
</tr>
</tbody>
</table>

In the degree plan for Network and Computer System Administrator Associate of Applied Science, the following text was deleted (effective Fall 2014):

**Cisco Track (AAS_CNCI):** ITCC 1375, 1376, 2378, 2379

**Microsoft Track (AAS_CNMS):** ITMT 1370, 1371, 1372 or 1373, 2370

Page 129

In the program plan for Network Engineer Certificate-MS Level II/CCNP, the following text was revised:

**Microsoft Track (C1_MCSE):** ITMT 1370, 1371, 1372 or 1373, 2370, 24XX, ITNW 24XX or departmental approved course

**Cisco Track (C1_CCNP):** ITCC 1375, 1376, 2378, 2379, 2454, 2455, 2456

The above text should now read as follows (effective Fall 2014):

**Microsoft Track (C1_MCSE):** ITMT 1370, 1371, 1372 or 1373, 2370, 24XX, ITNW 24XX or departmental approved course

**Cisco Track (C1_CCNP):** ITCC 1375, 1376, 2378, 2379, ITCC 2454, ITCC 2455, ITCC 2456

The following text has been revised:

**PC SUPPORT SPECIALIST CERTIFICATE**

(C2_PCSS certificate offered at LSC-CyFair, LSC-Kingwood, LSC-Montgomery, LSC-North Harris and LSC-Tomball)

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Semester</td>
<td>ITSC 1301 Introduction to Computers OR COSC 1301 Introduction to Computers</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITSC 1315 Project Management Software</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITNW 1325 Fundamentals of Networking Technologies OR ITCC 1401 Cisco Exploration 1 - Network Fundamentals</td>
<td>3–4</td>
</tr>
<tr>
<td></td>
<td>ITSC 1305 Introduction to PC Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>POFT 1301 Business English</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>COSC 1309 Logic Design OR ITSE 1402 Computer Programming</td>
<td>3–4</td>
</tr>
<tr>
<td>Third Semester</td>
<td>IMED 1316 Web Design I</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ITSW 1404 Introduction to Spreadsheets</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>ITSW 1301 Introduction to Word Processing</td>
<td>3</td>
</tr>
</tbody>
</table>
SECOND YEAR
First Semester
Technical Elective OR
ACNT 1303 Introduction to Accounting I
ITSC 1325 Personal Computer Hardware
ITSC 2439 Personal Computer Help Desk OR 3–4
ITSC 2380 Cooperative Education - Computer and Information Sciences
ITSW 1407 Introduction to Databases
TOTAL Credits for PC Support Specialist Certificate 47–51
1 Select from ITCC, ITSC, ITSE, ITSW, ITNW, ITMT, IMED, GRPH or CPMT
2 Capstone course
Note: Students must meet TSI requirements. See LoneStar.edu/TSI for details.

The above text should now read as follows (effective Fall 2014):

**PC SUPPORT SPECIALIST CERTIFICATE**

(C2_PCSS certificate offered at LSC-CyFair, LSC-Kingwood, LSC-Montgomery, LSC-North Harris and LSC-Tomball)

**FIRST YEAR**

<table>
<thead>
<tr>
<th>First Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit</td>
</tr>
<tr>
<td>ITSC 1301 Introduction to Computers OR 3</td>
</tr>
<tr>
<td>COSC 1301 Introduction to Computers</td>
</tr>
</tbody>
</table>

**Second Semester**

| ITSC 1315 Project Management Software 3 |
| ITNW 1325 Fundamentals of Networking Technologies OR 3 – 4 |
| ITCC 1401 Cisco Exploration I - Network Fundamentals |
| ITSC 1305 Introduction to PC Operating Systems 3 |
| POFT 1301 Business English 3 |
| COSC 1309 Logic Design OR 3 – 4 |
| ITSE 1402 Computer Programming |

**Third Semester**

| IMED 1316 Web Design I 3 |
| ITSW 1404 Introduction to Spreadsheets 4 |
| ITSW 1301 Introduction to Word Processing 3 |
| MATH 1314 College Algebra 3 |
| ITSC 1315 Project Management Software 3 |

**SECOND YEAR**

<table>
<thead>
<tr>
<th>First Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Credit</td>
</tr>
<tr>
<td>Technical Elective OR 3 – 4</td>
</tr>
<tr>
<td>ITSC 1325 Personal Computer Hardware</td>
</tr>
<tr>
<td>ITSC 2372 Technical Skills Portfolio OR 3</td>
</tr>
<tr>
<td>ITSC 2380 Cooperative Education - Computer and Information Sciences</td>
</tr>
<tr>
<td>ITSW 1407 Introduction to Databases 4</td>
</tr>
</tbody>
</table>

**TOTAL Credits for PC Support Specialist Certificate 44–47**

Note: Students must meet TSI requirements. See LoneStar.edu/TSI for details.

1 Select from: ITCC, ITSC, ITSE, ITSW, ITNW, ITMT, IMED, GRPH or CPMT
2 Capstone course

Page 131
The following text was revised:

**PROGRAMMING SPECIALIST CERTIFICATE**

(C1_CPS1 certificate offered at LSC-CyFair, LSC-Kingwood, LSC-Montgomery, LSC-North Harris and LSC-Tomball)

**FIRST YEAR**

<table>
<thead>
<tr>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITSC 1301 Introduction to Computers OR 3</td>
</tr>
<tr>
<td>COSC 1301 Introduction to Computers</td>
</tr>
<tr>
<td>ITSE 1402 Computer Programming OR 3–4</td>
</tr>
<tr>
<td>COSC 1309 Logic Design</td>
</tr>
<tr>
<td>SPCH 1318 Interpersonal Communication 3</td>
</tr>
</tbody>
</table>

**Second Semester**

| Elective - Programming Language 3–4 |

Lone Star College System 2014 Catalog Addendum 2014-2015 Catalog Addendum August 2014 update
<table>
<thead>
<tr>
<th>Elective - Programming Language¹</th>
<th>3–4</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITNW 1325 Fundamentals of Networking Technologies OR</td>
<td></td>
</tr>
<tr>
<td>ITCC 1401 Cisco Exploration 1 - Network Fundamentals</td>
<td></td>
</tr>
</tbody>
</table>

**Third Semester**

- ITSC 1305 Introduction to PC Operating Systems 3

**SECOND YEAR**

**First Semester**

- Elective - Programming Language (sequence course)² 3–4
- Elective - Programming Language (sequence course)² 3–4
- ITSE 1450 Systems Analysis and Design 4

**Second Semester**

- ITSE 2459 Advanced Computer Programming¹ 3–4
- OR
- ITSE 2380 Cooperative Education: Computer Programming³

**TOTAL Credits for Programming Specialist Certificate** 34–41

1. First Year Electives: ITSE 1356, ITSE 1432, ITSE 1407, ITSE 1418, ITSE 2417, ITSE 1430
2. Second Year Electives: ITSE 2449, ITSE 2431, ITNEW 2438, ITSE 2453 ITSE
3. Capstone course

The above text should now read as follows (effective Fall 2014):

**PROGRAMMING SPECIALIST CERTIFICATE**

(C1_CPS1 certificate offered at LSC-CyFair, LSC-Kingwood, LSC-Montgomery, LSC-North Harris and LSC-Tomball)

**FIRST YEAR**

<table>
<thead>
<tr>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
</tr>
<tr>
<td>ITSC 1301 Introduction to Computers OR 3</td>
</tr>
<tr>
<td>COSC 1301 Introduction to Computers 3</td>
</tr>
<tr>
<td>ITSE 1402 Computer Programming OR 3 – 4</td>
</tr>
<tr>
<td>COSC 1309 Logic Design 3</td>
</tr>
<tr>
<td>SPCH 1321 Business and Professional Communication 3</td>
</tr>
<tr>
<td><strong>Second Semester</strong></td>
</tr>
<tr>
<td>Elective - Programming Language¹ 3 – 4</td>
</tr>
<tr>
<td>Elective - Programming Language¹ 4</td>
</tr>
<tr>
<td>ITNW 1325 Fundamentals of Networking Technologies OR 3</td>
</tr>
<tr>
<td>ITCC 1375 Introduction to Networks 3</td>
</tr>
<tr>
<td><strong>Third Semester</strong></td>
</tr>
<tr>
<td>ITSC 1305 Introduction to PC Operating Systems 3</td>
</tr>
</tbody>
</table>

**SECOND YEAR**

**First Semester**

- Elective - Programming Language (sequence course)² 4
- Elective - Programming Language (sequence course)² 4
- ITSE 1450 Systems Analysis and Design 4

**Second Semester**

- ITSE 2459¹ Advanced Computer Programming 3 – 4 OR
- ITSE 2380¹ Cooperative Education: Computer Programming

**TOTAL Credits for Programming Specialist Certificate** 37–40

1. First Year Electives: ITSE 1356, ITSE 1432, ITSE 1407, ITSE 1418, ITSE 2417, ITSE 1430
2. Second Year Electives: ITSE 2449, ITSE 2431, ITNEW 2438, ITSE 2453
3. Capstone course

In the program plan for Programming Specialist Specialization, first year, third semester, the following text was revised:

- ACCT 2401 Principles of Accounting I 4

The above text should now read as follows (effective Fall 2014):

- ACCT 2401 Principles of Financial Accounting 4
Page 133
In the program plan for Cosmetology Instructor Certificate, prerequisite semester, the course list has changed. The following text was revised:

<table>
<thead>
<tr>
<th>Prerequisite Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1301 Composition &amp; Rhetoric I</td>
<td>3</td>
</tr>
<tr>
<td>Electives General Education</td>
<td>9</td>
</tr>
</tbody>
</table>

The above text should now read as follows (effective Fall 2014):

<table>
<thead>
<tr>
<th>Prerequisite Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1301 Composition &amp; Rhetoric I</td>
<td>3</td>
</tr>
<tr>
<td>Math/Natural Science Elective</td>
<td>3 – 4</td>
</tr>
<tr>
<td>SPCH 1315 Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 1318 Interpersonal Communication</td>
<td>3</td>
</tr>
</tbody>
</table>

Credit hours required for the Cosmetology Instructor Certificate were changed from “36” to “36 – 37.”

Page 145
In the program plan for Automated Manufacturing Technician Certificate, first year first semester, DFTG 1325 is replaced with MCHN 1302 Print Reading for Machine Trade (effective Fall 2014.)

In the degree plan for Automated Manufacturing Technician Associate of Applied Science degree, first year first semester, DFTG 1325 is replaced with MCHN 1302 Print Reading for Machine Trade (effective Fall 2014.)

Page 146
In the program plan for Industrial Diesel Technology Certificate I, the following course has been added (effective Fall 2014):

DEM 1229 Preventative Maintenance

Thus, the required credit hours for the program increases from 15 to 17.

Page 147
In the program plan for Industrial Diesel Technology Certificate II, DEMR 1229 Preventative Maintenance has been moved from the second semester to the first semester of the first year (effective Fall 2014.)

Page 148
In the degree plan for Computer-Aided Design Operator/Drafting Certificate, the following text has been deleted (Effective Fall 2014):

TECM 1303 Technical Calculations

Page 152
In the program plan for Game Design and Simulation Developer (Programming) Certificate, first year, third semester, the following optional course has been removed (effective Fall 2014):

ITSE 1402 Computer Programming

Page 159
The following certificate has been deactivated (effective Fall 2014):

PHYSICIAN OFFICE-BASED CODING CERTIFICATE

<table>
<thead>
<tr>
<th>Prerequisite Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>HITT 1305 Medical Terminology I</td>
<td>3</td>
</tr>
<tr>
<td>COSC 1301 Introduction to Computers</td>
<td>3</td>
</tr>
<tr>
<td>ITSC 1301 Introduction to Computers</td>
<td>3</td>
</tr>
</tbody>
</table>

FIRST YEAR

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2404 Intro to Anatomy and Physiology</td>
<td>4</td>
</tr>
<tr>
<td>POFM 1317 Medical Administrative Support</td>
<td>3</td>
</tr>
<tr>
<td>HPRS 2301 Pathophysiology</td>
<td>3</td>
</tr>
<tr>
<td>HITT 1213 Insurance Coding</td>
<td>2</td>
</tr>
</tbody>
</table>
Second Semester
- HITT 2340 Advanced Medical Billing & Reimbursement 3
- HPRS 2300 Pharmacology - Health Professions 3
- HPRS 2321 Med Law & Ethics Health Professions 3
- HITT 1342 Ambulatory Coding 3

Third Semester
- HITT 1280 Cooperative Education 1 2

**TOTAL Credits for Physician Office-Based Coding Certificate** 32

1 Capstone course

### The following text has been revised:

#### HOSPITAL-BASED CODING CERTIFICATE
(C2_HBC2 certificate offered at LSC-North Harris)

<table>
<thead>
<tr>
<th>Prerequisite Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2401 Human Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>HITT 1305 Medical Terminology I</td>
<td>3</td>
</tr>
<tr>
<td>COSC 1301 Introduction to Computers</td>
<td>3</td>
</tr>
</tbody>
</table>

**FIRST YEAR**

### First Semester
- HITT 1401 Health Data Content & Structure 4
- HITT 1342 Ambulatory Coding 3
- HITT 1441 Coding & Classification Systems 4
- BIOL 2402 Human Anatomy & Physiology II 4

### Second Semester
- HITT 1345 Health Care Delivery Systems 3
- HITT 2435 Coding and Reimbursement Methodologies 4
- HITT 1211 Health Information Systems 2
- HITT 2346 Advanced Medical Coding 3
- HPRS 2301 Pathophysiology 3

### Third Semester
- HITT 1266 Practicum - Health Information Technology/Technician 1 2

**TOTAL Credits for Hospital-Based Coding Certificate** 42

1 Capstone course

### The above text should now read as follows (effective Fall 2014):

#### CODING CERTIFICATE
(C2_HBC2 certificate offered at LSC-North Harris)

<table>
<thead>
<tr>
<th>Prerequisite Semester</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2401 Human Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>HITT 1305 Medical Terminology I</td>
<td>3</td>
</tr>
</tbody>
</table>

**FIRST YEAR**

### First Semester
- HITT 1301 Health Data Content & Structure 3
- HITT 1342 Ambulatory Coding 3
- HITT 1341 Coding & Classification Systems 3
- BIOL 2402 Human Anatomy & Physiology II 4

### Second Semester
- HITT 1345 Health Care Delivery Systems 3
- HITT 2335 Coding and Reimbursement Methodologies 3
- HITT 1211 Health Information Systems 2
- HITT 2346 Advanced Medical Coding 3
- HPRS 2301 Pathophysiology 3

### Third Semester
- HITT 12601 Clinical - Health Information/Medical Records Technology/Technician 2

**TOTAL Credits for Coding Certificate** 36

Note: Students must meet math competency (MATH 0308 or higher)

1 Capstone course
The following text has been revised:

HEALTH INFORMATION TECHNOLOGY
Associate of Applied Science degree
(AAS_HINT degree offered at LSC-North Harris)

FIRST YEAR
Credit
First Semester
BIOL 2401 Human Anatomy & Physiology I 4
HITT 1305 Medical Terminology I 3
HITT 1401 Health Data Content & Structure 4
COSC 1301 Introduction to Computers 3
PHED 1164 Introduction to Physical Fitness & Sport 1
OR any one credit hour physical activity course

Second Semester
BIOL 2402 Human Anatomy & Physiology II 4
ENGL 1301 Composition & Rhetoric I 3
HITT 1345 Health Care Delivery Systems 3
HITT 1353 Legal and Ethical Aspects of Health 3 Information
HITT 1355 Health Care Statistics 3

Third Semester
Elective Humanities/Fine Arts1 3

SECOND YEAR
Credit
First Semester
HITT 1166 Practicum-Health Information Technology/Technician 1
HPRS 2301 Pathophysiology 3
HITT 1441 Coding & Classification Systems 4
HITT 1211 Health Information Systems 2
SPCH Elective 3

Second Semester
HITT 2339 Health Information Organization & 3 Supervision
HITT 2343 Quality Assessment & Performance 3 Improvement
HITT 1342 Ambulatory Coding 3
HITT 2435 Coding and Reimbursement 4 Methodologies

Third Semester
HITT 2249 RHIT Competency Review 2
HITT 2460 Clinical - Medical Records Technology Technician 4

TOTAL Credits for Health Information Technology Associate of Applied Science degree 69
1 Choose from the AAS core
2 Capstone experience course: students meet 38 hrs/week for 5 1/2 weeks (equivalent to 12 hrs/week for 16 weeks)

The above text should now read as follows (effective Fall 2014):

HEALTH INFORMATION TECHNOLOGY
Associate of Applied Science degree
(AAS_HINT degree offered at LSC-North Harris)

FIRST YEAR
Credit
First Semester
BIOL 2401 Human Anatomy & Physiology I 4
HITT 1305 Medical Terminology I 3
HITT 1301 Health Data Content & Structure 3
ENGL 1301 Composition & Rhetoric I 3

Second Semester
BIOL 2402 Human Anatomy & Physiology II 4
SPCH 1311 Introduction To Communication 3
HITT 1345 Health Care Delivery Systems 3
HITT 1253 Legal and Ethical Aspects of Health Information 2
HITT 1255 Health Care Statistics 2

Third Semester
HITT 1260 Clinical - Health Information/Medical Records Technology/Technician 2
Elective/Humanities/Fine Arts 3
PSYC 2301 General Psychology OR 3
SOCI 1301 Principles of Sociology

SECOND YEAR
First Semester
HPRS 2301 Pathophysiology 3
HITT 1341 Coding & Classification Systems 3
HITT 1211 Health Information Systems 2
HITT 1342 Ambulatory Coding 3
HITT 2343 Quality Assessment & Performance Improvement 3

**Second Semester**
HITT 2346 Advanced Medical Coding 3
HITT 2239 Health Information Organization & Supervision 2
HITT 2335 Coding and Reimbursement Methodologies 3
HITT 2149 RHIT Competency Review 1
HITT 2260 Clinical - Medical Records Technology Technician 2

**TOTAL Credits for Health Information Technology Associate of Applied Science degree** 60

Page 161
In the degree plan for Heating, Ventilation, Air Conditioning and Refrigeration Associate of Applied Science degree, second year, third semester, the following text has been deleted (effective Fall 2014):
SPCH Elective 1 3

Page 164
In the program plan for Design Essentials Certificate, the following optional course has been removed (effective Fall 2014):
HRPO 1311 Human Relations

Page 167
In the program plan for Live Entertainment Technology-Certificate I, the following course has been deleted (effective Fall 2014):
DFTG 1309 Basic Computer-aided Drafting 3
Thus, the credit hours required for this certificate change from 29 to 26.

In the program plan for Live Entertainment Technology-Certificate II, the following course has been deleted (effective Fall 2014):
DFTG 1309 Basic Computer-aided Drafting 3
Thus, the credit hours required for this certificate change from 44 to 41.

Page 170
In the degree plan for Logistics Management Associate of Applied Science degree, second year, second semester, the following text was revised:
ACCT 2401 Principles of Accounting I 4
The above text should now read as follows (effective Fall 2014):
ACCT 2401 Principles of Financial Accounting 4

LSC-Montgomery has been added to the campuses offering the Machinist I Certificate (C1_MAC1)
The following course has been added to the program plan for Machinist I Certificate:
MCHN 1319 Manufacturing Materials and Processes 3
Thus, the credit hours required for the certificate change from 15 to 18.

Page 203
In the program plan for Surgical Technologist Certificate, the courses HITT 1305 and HPRS 2300 have been removed. Thus, the total credit hours required for the certificate is now 36 (effective Fall 2014.)

Page 205
In the program plan for Veterinary Assistant Certificate, third semester, the following text has been deleted:
VTHT 2421 Veterinary Parasitology 4

Page 213
The following text was revised:
ACCT 2401 - PRINCIPLES OF ACCOUNTING I
4 Credits (3 hrs. lec., 2 hrs. lab.) An introduction to financial accounting including a study of financial statements of business entities and the measurement and reporting of assets, liabilities, equity, revenues, expenses and cash flows
with emphasis on how business and economic information is generated in the accounting process. (5203015104) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite; MATH 0306

The above text should now read as follows (effective Fall 2014):

**ACCT 2401 - PRINCIPLES OF FINANCIAL ACCOUNTING**

4 Credits (3 hrs. lec., 2 hrs. lab.) This course is an introduction to the fundamental concepts of financial accounting as prescribed by U.S. generally accepted accounting principles (GAAP) as applied to transactions and events that affect business organizations. Students will examine the procedures and systems to accumulate, analyze, measure, and record financial transactions. Students will use recorded financial information to prepare a balance sheet, income statement, statement of cash flows, and statement of shareholders’ equity results of operations and financial position to users of financial information who are external to the company. Students will study the nature of assets, liabilities, and owners’ equity while learning to use reported financial information for purposes of making decisions about the company. Students will be exposed to International Financial Reporting Standards (IFRS). (5203015104) Prerequisites: None; Corequisites: MATH 1324

The following text was revised:

**ACCT 2402 - PRINCIPLES OF ACCOUNTING II**

4 Credits (3 hrs. lec., 2 hrs. lab.) An introduction to managerial accounting including a study of costs and cost behavior within business entities, the use of cost information for planning and control decisions, and product costing for purposes of inventory valuation and income determination. (5203015104) Prerequisite: ACCT 2401

The above text should now read as follows (effective Fall 2014):

**ACCT 2402 - PRINCIPLES OF MANAGERIAL ACCOUNTING**

4 Credits (3 hrs. lec., 2 hrs. lab.) This course is an introduction to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity’s accounting system relevant to decisions made by internal managers, as distinguished from information relevant to users who are external to the company. The emphasis is on the identification and assignment of product costs, operational budgeting and planning, cost control, and management decision making. Topics include product costing methodologies cost behavior, operational, and capital budgeting, and performance evaluation. (5203015104) Prerequisite: ACCT 2401

The following text was revised:

**ARTS 1303 - ART HISTORY: PREHISTORY TO GOTHIC**

3 Credits (3 hrs. lec.) A chronological analysis of the historical and cultural contexts of the visual arts from the prehistoric times to the 14th century. (5007035126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

**ARTS 1303 - ART HISTORY: PREHISTORY TO GOTHIC**

3 Credits (3 hrs. lec.) A chronological analysis of the historical and cultural contexts of the visual arts from the prehistoric times to the 14th century. (5007035126) Prerequisites: College level readiness in reading and writing.

The following text was revised:

**ARTS 1304 - ART HISTORY: RENAISSANCE TO MODERN**

3 Credits (3 hrs. lec.) A chronological analysis of the historical and cultural contexts of the visual arts from the 14th century to the present. (5007035226) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

**ARTS 1304 - ART HISTORY: RENAISSANCE TO MODERN**

3 Credits (3 hrs. lec.) A chronological analysis of the historical and cultural contexts of the visual arts from the 14th century to the present. (5007035226) Prerequisites: College level readiness in reading and writing.

The following text was revised:

**ARTS 1311 - DESIGN 1 - 2-D**

3 Credits (2 hrs. lec., 4 hrs. lab.) An introductory course with an emphasis on two-dimensional design in art; includes...
the fundamentals of the elements of art: line, shape, space, texture, value, color, time/motion, and principles of design: balance, emphasis, proportion/scale, rhythm/repetition, and unity/variety/harmony in a composition. (5004015326) Corequisites: Course may be taken with ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117; OR ENGL 0309 or ENGL 0310

The above text should now read as follows (effective Fall 2014):

ARTS 1311 - DESIGN I - 2-D
3 Credits (2 hrs. lec., 4 hrs. lab.) An introduction to the fundamental terminology, concepts, theory, and application of two-dimensional design. (5004015326) Corequisites: Course may be taken with ENGL 0305 or ENGL 0307; Prerequisite: College level readiness in reading and writing.

The following text was revised:

ARTS 1312 - DESIGN II - 3-D
3 Credits (2 hrs. lec., 4 hrs. lab.) The construction of three-dimensional forms using a variety of compositional approaches and materials. (5004015326) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

ARTS 1312 - DESIGN II - 3-D
3 Credits (2 hrs. lec., 4 hrs. lab.) An introduction to the fundamental terminology, concepts, theory, and application of three-dimensional design. (5004015326) Prerequisites: College level readiness in reading and writing.

The following text was revised:

ARTS 1316 - DRAWING I
3 Credits (2 hrs. lec., 4 hrs. lab.) An introductory course in freehand drawing. Involves the study of space and form through the use of perspective, line and value. (5007055226) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite Corequisites: Course may be taken with ENGL 0305 AND ENGL 0307

The above text should now read as follows (effective Fall 2014):

ARTS 1316 - DRAWING I
3 Credits (2 hrs. lec., 4 hrs. lab.) A foundation studio course exploring drawing with emphasis on descriptive, expressive and conceptual approaches. Students will learn to see and interpret a variety of subjects while using diverse materials and techniques. Course work will facilitate a dialogue in which students will engage in critical analysis and begin to develop their understanding of drawing as a discipline. (5007055226) Prerequisites: College level readiness in reading and writing. Corequisites: Course may be taken with ENGL 0305 AND ENGL 0307

The following text was revised:

ARTS 1317 - DRAWING II
3 Credits (2 hrs. lec., 4 hrs. lab.) Expansion of Drawing I stressing the conceptual, expressive and compositional aspects of drawing in various media. (5007055226) Prerequisites: ARTS 1316; ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

ARTS 1317 - DRAWING II
3 Credits (2 hrs. lec., 4 hrs. lab.) A studio course exploring drawing with continued emphasis on descriptive, expressive and conceptual approaches. Students will further develop the ability to see and interpret a variety of subjects while using diverse materials and techniques. Course work will facilitate a dialogue in which students will employ critical analysis to broaden their understanding of drawing as a discipline. (5007055226) Prerequisites: ARTS 1316; ENGL 0305 or ENGL 0307 or ENGL 0356 OR higher level course [ENGL 1301] OR placement by testing.

Page 221
The approval code for ARTS 2346 should read 5007115126 (effective Fall 2014)

Page 224
The following text was revised:

BCIS 1305 - BUSINESS COMPUTER APPLICATIONS
3 Credits (2 hrs. lec., 3 hrs. lab.) Computer terminology, hardware, software, operating systems, and information systems relating to the business environment. The main focus of this course is on business applications of software, including word processing, spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet. (1102025404) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

BCIS 1305 - BUSINESS COMPUTER APPLICATIONS
3 Credits (2 hrs. lec., 3 hrs. lab.) Students will study computer terminology, hardware, and software related to the business environment. The focus of this course is on business productivity software applications and professional behavior in computing, including word processing (as needed), spreadsheets, databases, presentation graphics, and business-oriented utilization of the Internet. Prerequisites: None
Page 225
The approval code for BIOL 1414 should read 2612015103 (effective Fall 2014)

Page 227
The approval code for BIOL 2420 should read 2605035103 (effective Fall 2014)

Page 228
The following text was revised:
BUSI 1301 - BUSINESS PRINCIPLES
3 Credits (3 hrs. lec.) Introduction to the role of business in modern society. Includes basic history of business, basic economic systems, types of ownership, management, marketing, finance, manufacturing, law and other topics of business operations. Subject matter includes analysis of the specialized fields within the business organization, career planning as related to the fields, starting your own business, current trends in profit and nonprofit business activities and development of a business vocabulary. (5201015104) Prerequisites: None

The above text should now read as follows (effective Fall 2014):
BUSI 1301 - BUSINESS PRINCIPLES
3 Credits (3 hrs. lec.) This course provides a survey of economic systems, forms of business ownership, and considerations for running a business. Students will learn various aspects of business, management, and leadership functions; organizational considerations; and decision-making processes. Financial topics are introduced, including accounting, money and banking, and securities markets. Also included are discussions of business challenges in the legal and regulatory environment, business ethics, social responsibility, and international business. Emphasized is the dynamic role of business in everyday life. (5201015104) Prerequisites: None

Page 229
The following text was revised:
BUSI 2301 - BUSINESS LAW
3 Credits (3 hrs. lec.) Principles of law which form the legal framework for business activity. Includes applicable statutes, torts, contracts, personal and real property, wills and trusts and consumer law. (2201015124) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):
BUSI 2301 - BUSINESS LAW
3 Credits (3 hrs. lec.) The course provides the student with foundational information about the U.S. legal system and dispute resolution, and their impact on business. The major content areas will include general principles of law, the relationship of business and the U.S. Constitution, state and federal legal systems, the relationship between law and ethics, contracts, sales, torts, agency law, intellectual property, and business law in the global context. (2201015124) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

Page 231
The approval code for CHEM 2389 should read 4001015303 (effective Fall 2014)

Page 233
The following text was revised:
COSC 1301 - INTRODUCTION TO COMPUTERS
4 Credits (2 hrs. lec., 3 hrs. lab.) Overview of computer information systems. Introduces computer hardware, software, procedures, and human resources. Explores integration and application in business and other segments in society. Fundamentals of computer problem-solving and programming may be discussed and applied. Examines applications and software relating to a specific curricular area. (1101015107) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite; Course may be taken as a corequisite with ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):
COSC 1301 - INTRODUCTION TO COMPUTERS
4 Credits (2 hrs. lec., 3 hrs. lab.) Overview of computer information systems. Introduces computer hardware, software, procedures, and human resources. Explores integration and application in business and other segments in society. Fundamentals of computer problem-solving and programming may be discussed and applied. Examines applications and software relating to a specific curricular area. (1101015107) Prerequisites: None

The following text was revised:
COSC 1309 - LOGIC DESIGN
3 Credits (3 hrs. lec., 2 hrs. lab.) A discipline approach to problem solving with structured techniques and representation of algorithms using pseudocodes and graphical tools. Discussion of methods for testing, evaluation, and documentation. COSC 1301 is recommended prior to enrolling. (1102015107) [This course is recommended for four-year transfer students.] Prerequisites: ITSC 1301/COSC 1301; ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL
0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite; MATH 0308

The above text should now read as follows (effective Fall 2014):

COSC 1309 - LOGIC DESIGN
3 Credits (2 hrs. lec., 3 hrs. lab.) A discipline approach to problem solving with structured techniques and representation of algorithms using pseudocodes and graphical tools. Discussion of methods for testing, evaluation, and documentation. COSC 1301 is recommended prior to enrolling. [1102015107] Prerequisites: ITSC 1301 or COSC 1301

Page 234
The following text was revised:

COSC 2436 - PROGRAMMING FUNDAMENTALS III
4 Credits (3 hrs. lec., 2 hrs. lab.) Further applications of programming techniques, introducing the fundamental concepts of data structures and algorithms. Topics include recursion, fundamental data structures (including stacks, queues, linked lists, hash tables, trees, and graphs), and algorithmic analysis. This course is part of the computer science field of study. [1102015707] Prerequisites: COSC 1437; ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 OR ENGL 0375 OR ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

COSC 2436 - PROGRAMMING FUNDAMENTALS III
4 Credits (3 hrs. lec., 2 hrs. lab.) Further applications of programming techniques, introducing the fundamental concepts of data structures and algorithms. Topics include recursion, fundamental data structures (including stacks, queues, linked lists, hash tables, trees, and graphs), and algorithmic analysis. This course is part of the computer science field of study. [1102015707] Prerequisites: COSC 1337; ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The following text was revised:

CRIJ 1301 - INTRODUCTION TO CRIMINAL JUSTICE
3 Credits (3 hrs. lec.) An overview of the criminal justice system. Topics include the history and philosophy of criminal justice, the definition of crime, and its nature and impact. [4301045124] Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

CRIJ 1301 - INTRODUCTION TO CRIMINAL JUSTICE
3 Credits (3 hrs. lec.) This course provides a historical and philosophical overview of the American criminal justice system, including the nature, extent, and impact of crime; criminal law; and justice agencies and processes. [4301045124] Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

Page 235
The following text was revised:

CRIJ 1306 - COURT SYSTEMS AND PRACTICES
3 Credits (3 hrs. lec.) Examination of the role of the judiciary in the criminal justice system. Topics include the structure of the American court system, prosecution, right to counsel, pretrial release, grand jury process, adjudication process, types and rules of evidence, and sentencing concepts. [2201015424] Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

CRIJ 1306 - COURT SYSTEMS AND PRACTICES
3 Credits (3 hrs. lec.) This course is a study of the court system as it applies to the structures, procedures, practices and sources of law in American courts, using federal and Texas statutes and case law. [2201015424] Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The following text was revised:

CRIJ 1310 - FUNDAMENTALS OF CRIMINAL LAW
3 Credits (3 hrs. lec.) Study of the nature of criminal law. Topics include philosophical and historical development, major definitions and concepts, classification of crime, elements of crimes and penalties, and individual criminal responsibilities. [2201015324] Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

CRIJ 1310 - FUNDAMENTALS OF CRIMINAL LAW
3 Credits (3 hrs. lec.) This course is the study of criminal law including application of definitions, statutory elements, defenses and penalties using Texas statutes, the Model Penal Code, and case law. The course also analyzes the phil-
osophical and historical development of criminal law and criminal culpability. (2201015324) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The following text was revised:

**DRAM 2313 - CORRECTIONAL SYSTEMS AND PRACTICES**
3 Credits (3 hrs. lec.) A study of the role of corrections in the criminal justice system. Topics include organization and theory of correctional systems, institutional operations, management, alternatives to institutionalization, treatments and rehabilitation, and current and future issues. (4301045424) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

**DRAM 2313 - CORRECTIONAL SYSTEMS AND PRACTICES**
3 Credits (3 hrs. lec.) This course is a survey of institutional and non-institutional corrections. Emphasis will be placed on the organization and operation of correctional systems; treatment and rehabilitation; populations served; Constitutional issues; and current and future issues. (4301045424) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The following text was revised:

**CRIJ 2328 - POLICE SYSTEMS AND PRACTICES**
3 Credits (3 hrs. lec.) Exploration of the profession of police officer. Topics include organization of law enforcement systems, the police role, police discretion, ethics, police-community interaction, and current and future issues. (4301045724) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

**CRIJ 2328 - POLICE SYSTEMS AND PRACTICES**
3 Credits (3 hrs. lec.) This course examines the establishment, role and function of police in a democratic society. It will focus on types of police agencies and their organizational structure, police-community interaction, police ethics, and use of authority. (4301045724) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The following text was revised:

**RIJ 2313 - CORRECTIONAL SYSTEMS AND PRACTICES**
3 Credits (3 hrs. lec.) A study of the role of corrections in the criminal justice system. Topics include organization and theory of correctional systems, institutional operations, management, alternatives to institutionalization, treatments and rehabilitation, and current and future issues. (5005015126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

**RIJ 2313 - CORRECTIONAL SYSTEMS AND PRACTICES**
3 Credits (3 hrs. lec.) Exploration of the profession of police officer. Topics include organization of law enforcement systems, the police role, police discretion, ethics, police-community interaction, and current and future issues. (5005015126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

Page 246

The following text was revised:

**DRAM 1310 - THEATRE APPRECIATION**
3 Credits (3 hrs. lec.) This course surveys dramatic arts including plays, basic theories, history, stages, make-up, costuming, acting and directing. It provides an introduction to the theatre plant and theatre activities augmented by textbook study of stage terminology and an introduction to the organization of production procedure. (5005015126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

**DRAM 1310 - THEATRE APPRECIATION**
3 Credits (3 hrs. lec.) Survey of theater including its history, dramatic works, stage techniques, production procedures, and relation to other art forms. Participation in productions may be required. (5005015126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

Page 247

The following text was revised:

**DRAM 1330 - STAGECRAFT I**
3 Credits (2 hrs. lec., 4 hrs. lab.) This lecture-laboratory course introduces students to the aesthetics and practice of stagecraft design and provides the student with a basic understanding of the design requirements for the technical aspects of a play. This course will include hands-on design experience. (5005025126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

**DRAM 1330 - STAGECRAFT I**
3 Credits (2 hrs. lec., 4 hrs. lab.) Study and application of the methods and components of theatrical production which may include one or more of the following: theatre facilities, scenery construction, and painting, properties, lighting, costume, makeup, sound, and theatrical management. (5005025126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The following text was revised:

**DRAM 1351 - ACTING I**
3 Credits (3 hrs. lec.) This course provides an introduction to the art of acting, emphasizing the techniques of speech and movement on the stage, pantomime, character analysis, through participation in lab scenes, improvisations and departmental productions. (5005065126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL
The above text should now read as follows (effective Fall 2014):

DRAM 1351 - ACTING I
3 Credits (3 hrs. lec.) An introduction to the fundamental principles and tools of acting as used in auditions, rehearsals, and performances. This may include ensemble performing, character and script analysis, and basic theatre terminology. This exploration will emphasize the development of the actor's instrument: voice, body, and imagination. (5005025326) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 OR ENGL 0375 OR ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The following text was revised:

DRAM 1352 - ACTING II
3 Credits (3 hrs. lec.) An introduction to the art of acting, with an emphasis on developing vocal and physical skills through work on monologues and scenes as exhibited in various historical periods. (5005065126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

DRAM 1352 - ACTING II
3 Credits (3 hrs. lec.) Exploration and further training within the basic principles and tools of acting, including an emphasis on critical analysis of oneself and others. The tools include ensemble performing, character and script analysis, and basic theater terminology. This will continue the exploration of the development of the actor's instrument: voice, body and imagination. (5005025326) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The following text was revised:

DRAM 2331 - STAGECRAFT II
3 Credits (2 hrs. lec., 4 hrs. lab.) This lecture-laboratory course gives the student a knowledge of the technical phases of mounting a production on stage. The elements of study emphasize basic construction, painting and lighting of the stage setting. (5005025126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

DRAM 2331 - STAGECRAFT II
3 Credits (2 hrs. lec., 4 hrs. lab.) Continued study and application of the methods and components of theatrical production which may include one of the following: theatre facilities, scenery construction and painting, properties, lighting, costume, makeup, sound and theatrical management. (5005025126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The following text was revised:

DRAM 2361 - THEATRE HISTORY TO 1700
3 Credits (3 hrs. lec.) A study of the history of theatre to 1700. Includes a study of the physical theatre, acting styles, costumes and sets, representative plays, and theories of drama. (5005055126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

DRAM 2361 - THEATRE HISTORY TO 1700
3 Credits (3 hrs. lec.) Study of the history of the theater from primitive times through the Renaissance. (5005055126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The following text was revised:

DRAM 2362 - THEATRE HISTORY FROM 1700
3 Credits (3 hrs. lec.) A study of the history of the theatre from 1700 to the present. Includes a study of the physical theatre, acting styles, costumes and sets, representative plays, and theories of drama. (5005055126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

DRAM 2362 - THEATRE HISTORY FROM 1700
3 Credits (3 hrs. lec.) Study of the history of the theater from the Renaissance through today. (5005055126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite
Page 248
The following text was revised:

**DRAM 2366 - FILM APPRECIATION**
3 Credits (3 hrs. lec.) Explores the history and development of film with emphasis on the analysis of the visual and aural dramatic aspects of narrative films. The historical growth and sociological effect of film as an art. (5006025126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

**DRAM 2366 - FILM APPRECIATION**
3 Credits (3 hrs. lec.) Survey and analyze cinema including history, film techniques, production procedures, selected motion pictures and cinema’s impact on and reflection of society. (5006025126) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

Page 251
In the description for **EECT 2440 - Telecommunications Central Office Equipment**, the following text was revised:

Prerequisites: CPMT 1445 or ITSC 1425; The above text should now read as follows (effective Fall 2014):

Prerequisites: CPMT 1445 or ITSC 1325;

Page 259
The following courses were added (effective Fall 2014):

**ENGR 2308 - ENGINEERING ECONOMICS**
3 Credits (3 hrs. lec.) Methods used for determining the comparative financial desirability of engineering alternatives. Provides the student with the basic tools required to analyze engineering alternatives in terms of their worth and cost, an essential element of engineering practice. The student is introduced to the concept of the time value of money and the methodology of basic engineering economy techniques. The course will address some aspects of sustainability and will provide the student with the background to enable them to pass the Engineering Economy portion of the Fundamentals of Engineering exam. (149999510) Prerequisites: MATH 2413

**ENGR 2333 - ELEMENTARY CHEMICAL ENGINEERING**
3 Credits (3 hrs. lec.) This course is the foundation for nearly all future chemical engineering courses and analysis. A strong foundation in mathematics, physics, and chemistry is required for application to the solution of problems in industrial chemistry. Students will receive an introduction to chemical engineering calculations, unit equations, process stoichiometry, material and energy balances, and states of matter, and will apply the laws of conservation of mass and energy to reacting and non-reacting, simple and complex chemical systems. Prerequisites: ENGR 1201 and CHEM 1412 and MATH 2414 and PHYS 2425

**ENGR 2334 - CHEMICAL ENGINEERING THERMODYNAMICS I**
3 Credits (3 hrs. lec.) Fundamental concepts of energy and thermodynamics (e.g., temperature, thermodynamic equilibrium, and heat) will be introduced; the course emphasizes techniques in the application of the fundamentals of thermodynamics to various processes as they frequently occur in chemical and biomolecular engineering. Provides the basic skills and tools necessary in designing and analyzing real-life engineering systems. Serves as preparation for other advanced courses in thermodynamics, energy conversion, heat transfer, etc. (1407015210) Prerequisite: MATH 2415

Page 266
The following text was revised:

**GEOL 1403 - PHYSICAL GEOLOGY**
4 Credits (3 hrs. lec., 3 hrs. lab.) This course explores the theory of geologic processes including a study of physical forces that shape the earth and all its landscapes. Special emphasis is given to the origins of minerals and rocks, volcanoes, earthquakes, structures, plate tectonics and other geologic processes. Lab exercises include mineral identification and differentiation of the major rock types, use of topographic maps and aerial photographs and interpretation of geologic data. Optional field trips help students explore and discover links between classroom discussions and life experiences. Participation in field trips is highly recommended. (4006015403) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course [ENGL 1301] OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite; MATH 0308

The above text should now read as follows (effective Fall 2014):

**GEOL 1403 - PHYSICAL GEOLOGY**
4 Credits (3 hrs. lec., 3 hrs. lab.) Physical Geology is a basic science course that focuses on Earth, including its composition, processes of change, history and the tools and methods used to study it. (4006015403) Prerequisites: College level readiness in reading AND writing; MATH 0308
The following text was revised:

**GEOL 1404 - HISTORICAL GEOLOGY**

4 Credits (3 hrs. lec., 3 hrs. lab.) A geological history of the earth stressing fossils, stratigraphy and plate tectonics. Emphasis is placed on environments and the succession of geologic events since the origin of the earth. Labs review rocks and maps, with exercises in fossil identification, stratigraphic correlation and cross cutting relationships. Participation in field trips is highly recommended. (4006015403) Prerequisites: GEOL 1403 OR GEOL 1405 OR department approval; ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite; MATH 0308

The above text should now read as follows (effective Fall 2014):

**GEOL 1404 - HISTORICAL GEOLOGY**

4 Credits (3 hrs. lec., 3 hrs. lab.) A comprehensive survey of the history of life and major events of the physical development of Earth as interpreted from rocks and fossils. Prerequisites: College level readiness in reading AND writing; MATH 0308

The following text was revised:

**GEOL 1405 - ENVIRONMENTAL GEOLOGY**

4 Credits (3 hrs. lec., 3 hrs. lab.) An analysis survey of geologic processes, their influence on people and the influence of human activities on the environment. Topics include natural resources, geologic hazards, waste disposal, surface and groundwater pollution, air pollution, land-use planning, environmental law, and the determination of risk assessments based on remote sensing techniques, field observations and their economic impact. Lab exercises include groundwater flow, environmental pollution, geologic hazards, geologic resources and land use planning. Participation in field trips is highly recommended. (0301035301) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite; MATH 0308

The above text should now read as follows (effective Fall 2014):

**GEOL 1405 - ENVIRONMENTAL GEOLOGY**

4 Credits (3 hrs. lec., 3 hrs. lab.) A survey of the forces, including humans, that shape our physical environment, and how they affect life on Earth. Introduction to the science and policy of global and regional environmental issues, including pollution, climate change, and sustainability of land, water, and energy resources. (0301035301) Prerequisites: College level readiness in reading AND writing; MATH 0308

The following text was revised:

**GEOL 2307 - GEOLOGY OF TEXAS**

3 Credits (3 hrs. lec.) The topography, physiography, structure, geologic history and mineral deposits of Texas. Plate tectonics regional correlations and local phenomena are emphasized. Participation in field trips is highly recommended. (4006015503) Prerequisites: GEOL 1404 or department approval; ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite; MATH 0308

The above text should now read as follows (effective Fall 2014):

**GEOL 2307 - INTRODUCTION TO FIELD GEOLOGY**

3 Credits (3 hrs. lec.) Primarily a field-based experience in geology for visiting sites that serve as examples of a variety of geological phenomena. Field trip locations will include sites that display the processes that shape the landscape, that result in the deposition or formation of rock units and mineral resources, and that deform the Earth’s crust. (4006015503) Prerequisites: College level readiness in reading AND writing; MATH 0308

Page 271
The following text was revised:

**HITT 1166 - PRACTICUM - HEALTH INFORMATION TECHNOLOGY/TECHNICIAN**

1 Credit (7 hrs. ext.)

The above text should now read as follows (effective Fall 2014):

**HITT 1260 - PRACTICUM - HEALTH INFORMATION TECHNOLOGY/TECHNICIAN**

2 Credit (12 hrs. ext.)

Page 272
The following text was revised:

**HITT 1353 - LEGAL AND ETHICAL ASPECTS OF HEALTH INFORMATION**

3 Credits (3 hrs. lec.)

The above text should now read as follows (effective Fall 2014):

**HITT 1253 - LEGAL AND ETHICAL ASPECTS OF HEALTH INFORMATION**

2 Credits (2 hrs. lec.)
The following text was revised:

**HITT 1355 - HEALTH CARE STATISTICS**  
3 Credits (2 hrs. lec., 2 hr. lab.)

The above text should now read as follows (effective Fall 2014):  
**HITT 1255 - HEALTH CARE STATISTICS**  
2 Credits (1 hr. lec., 2 hrs. lab.)

The following text was revised:

**HITT 1401 - HEALTH DATA CONTENT AND STRUCTURE**  
4 Credits (3 hrs. lec., 3 hrs. lab.)

The above text should now read as follows (effective Fall 2014):  
**HITT 1301 - HEALTH DATA CONTENT AND STRUCTURE**  
3 Credits (2 hrs. lec., 4 hrs. lab.)

The following text was revised:

**HITT 1441 - CODING AND CLASSIFICATION SYSTEMS**  
4 Credits (3 hrs. lec., 3 hrs. lab.)

The above text should now read as follows (effective Fall 2014):  
**HITT 1341 - CODING AND CLASSIFICATION SYSTEMS**  
3 Credits (2 hrs. lec., 4 hrs. lab.)

The following text was revised:

**HITT 2249 - RHIT COMPETENCY REVIEW**  
2 Credits (2 hrs. lec.)

The above text should now read as follows (effective Fall 2014):  
**HITT 2149 - RHIT COMPETENCY REVIEW**  
1 Credits (1 hr. lec.)

Page 273
The following text was revised:

**HITT 2339 - HEALTH INFORMATION ORGANIZATION AND SUPERVISION**  
3 Credits (3 hrs. lec.)

The above text should now read as follows (effective Fall 2014):  
**HITT 2239 - HEALTH INFORMATION ORGANIZATION AND SUPERVISION**  
2 Credits (2 hrs. lec.)

The following text was revised:

**HITT 2435 - CODING AND REIMBURSEMENT METHODOLOGIES**  
4 Credits (3 hrs. lec., 3 hrs. lab.)

The above text should now read as follows (effective Fall 2014):  
**HITT 2335 - CODING AND REIMBURSEMENT METHODOLOGIES**  
3 Credits (2 hrs. lec., 4 hrs. lab.)

The following text was revised:

**HITT 2460 - CLINICAL - MEDICAL RECORDS TECHNOLOGY TECHNICIAN**  
4 Credits (12 hrs. ext.)

The above text should now read as follows (effective Fall 2014):  
**HITT 2260 - CLINICAL - MEDICAL RECORDS TECHNOLOGY TECHNICIAN**  
2 Credits (12 hrs. ext.)

Page 275
The following text was revised:

**HUMA 1301 - INTRODUCTION TO THE HUMANITIES I: PREHISTORY TO GOTHIC**  
3 Credits (3 hrs. lec.)  A study of the interpretation of human experience through an introduction to music, literature, the visual arts, history and philosophy. Focus is on gaining practical experience in inquiry, recognition and assessment.  
(2401035112) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

**HUMA 1302 - INTRODUCTION TO THE HUMANITIES II: EARLY RENAISSANCE TO THE PRESENT**  
3 Credits (3 hrs. lec.)  An interdisciplinary, multi-perspective assessment of cultural, political, philosophical, and aesthetic factors critical to the formulation of values and the historical development of the individual and society. HUMA 1302 will focus on the time period Early Renaissance to the present.  
(2401035112) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite
HUMA 1305 - INTRODUCTION TO MEXICAN-AMERICAN STUDIES
3 Credits (3 hrs. lec.) Introduction to the field of Mexican-American/Chicano/a studies from its inception to the present. Interdisciplinary survey designed to introduce students to the salient cultural, economic, educational, historical, political, and social aspects of the Mexican-American/Chicano/a experience. (0502035125) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

HUMA 1311 - MEXICAN-AMERICAN FINE ARTS APPRECIATION
3 Credits (3 hrs. lec.) An examination of Mexican American/Chicano/a artistic expressions in the visual and performing arts. (5007035426) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

HUMA 2319 - AMERICAN MINORITY STUDIES
3 Credits (3 hrs. lec.) Historical, economic, social and cultural development of minority groups in America. (4511015325) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):

HUMA 1301 - INTRODUCTION TO THE HUMANITIES I: PREHISTORY TO GOTHIC
3 Credits (3 hrs. lec.) This stand-alone course is an interdisciplinary study interpreting human experience through introductions to the visual and performative arts, literature, history, philosophy, and comparative religions. The focus is on acquiring practical experience in inquiry, recognition, and assessment. (2401035112) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

HUMA 1302 - INTRODUCTION TO THE HUMANITIES II: EARLY RENAISSANCE TO THE PRESENT
3 Credits (3 hrs. lec.) This stand-alone course is an interdisciplinary study interpreting human experience through introductions to the visual and performative arts, literature, history, philosophy, and comparative religions. The focus is on acquiring practical experience in inquiry, recognition, and assessment. (2401035112) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

HUMA 1305 - INTRODUCTION TO MEXICAN-AMERICAN STUDIES
3 Credits (3 hrs. lec.) This interdisciplinary survey examines different cultural, artistic, economic, historical, political, and social aspects of the Mexican-American/Chicana/o communities. It also covers issues such as dispossession, immigration, transnationalism, and other topics that have shaped the Mexican-American experience. (0502035125) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

HUMA 1311 - MEXICAN-AMERICAN FINE ARTS APPRECIATION
3 Credits (3 hrs. lec.) An examination of Mexican-American/Chicana/o artistic expression in the visual and performing arts (such as music, painting, drama, and dance) and the ways in which they exhibit values of Mexican-American/Chicana/o experience. Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

HUMA 2319 - AMERICAN MINORITY STUDIES
3 Credits (3 hrs. lec.) This interdisciplinary survey examines the diverse cultural, artistic, economic, historical, political, and social aspects of US-American minority communities. Topics may include race/ethnicity, gender, socioeconomic class, sexual orientation, national origin, age, disability, and religion. (2401015112) Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

Page 285
In the description for ITNW 1325 - Fundamentals of Networking Technologies, the following text was deleted (effective Fall 2014):
ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

In the description for ITSC 1301 - Introduction to Computers, the following text was revised:
Prerequisites/Corequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite

The above text should now read as follows (effective Fall 2014):
Prerequisites: none

In the description for ITSC 1305 - Introduction to PC Operating Systems, the following text was deleted (effective Fall 2014):
ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite
In the description for ITSC 1315 - Project Management Software, the following text was revised:
Prerequisites: ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite
The above text should now read as follows (effective Fall 2014):
Prerequisites: none

Page 286
The following text was revised:
ITSC 2331 - INTEGRATED SOFTWARE APPLICATIONS III
3 Credits (1 hr. lec., 4 hrs. lab.) Advanced use of business productivity software including complex assignments that require advanced formatting and functionality. ITSW 1301 and ITSW 1404 are recommended prior to enrolling in the course. Prerequisites: ITSC 1301 or COSC 1301; ENGL 0305 or ENGL 0365 or ENGL 0115 AND ENGL 0307 or ENGL 0375 or ENGL 0117 OR higher level course (ENGL 1301) OR placement by testing. ENGL 0309 or ENGL 0310 also meets prerequisite.
The above text should now read as follows (effective Fall 2014):
ITSC 2331 - INTEGRATED SOFTWARE APPLICATIONS III
3 Credits (1 hr. lec., 4 hrs. lab.) Advanced use of business productivity software including complex assignments that require advanced formatting and functionality. Prerequisites: ITSC 1301

The following course was added (effective Fall 2014):
ITSC 2372 - TECHNICAL SKILLS PORTFOLIO
3 Credits (2 hrs. lec., 3 hrs. lab.) This course is designed to prepare students to enter the IT workforce. It will incorporate career related activities designed to support the student as they complete their degree. This course includes both a lecture and a lab component. Prerequisites: At least 15 credit hours of IT courses (ITSC, ITCC, ITMT, ITSE)

Page 287
The following course was added (effective Fall 2014):
ITSE 1311 - BEGINNING WEB PROGRAMMING
3 Credits (2 hrs. lec., 3 hrs. lab.) Skills development in web programming including mark-up and scripting languages. Prerequisites: None

Page 291
The approval code for JAPN 2312 should read 1603025213 (effective Fall 2014)

Page 295
The approval code for KINE 2141 should read 3601145123 (effective Fall 2014)
The approval code for KINE 2173 should read 3601145123 (effective Fall 2014)

Page 299
The approval code for MATH 0312 should read 3201045119 (effective Fall 2014)
The approval code for MATH 0313 should read 3201045119 (effective Fall 2014)
The approval code for MATH 0314 should read 3201045119 (effective Fall 2014)

Page 300
The following text was revised:
MATH 1324 - FINITE MATHEMATICS
3 Credits (3 hrs. lec.) Matrices, systems of equations, linear programming, the simplex method, probability, and mathematics of finance. Primarily for business majors and liberal arts students. (2703015219) Prerequisites: Math 0310 OR placement by testing; ENGL 0305 or ENGL 0365 OR higher level course (ENGL 1301). OR placement by testing; Corequisite: ENGL 0309
The above text should now read as follows (effective Fall 2014):
MATH 1324 - MATHEMATICS FOR BUSINESS & SOCIAL SCIENCE
3 Credits (3 hrs. lec.) Applications of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics, and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value. (2703015219) Prerequisites: Math 0310 OR placement by testing; ENGL 0305 or ENGL 0365 OR higher level course (ENGL 1301). OR placement by testing; Corequisite: ENGL 0309

The following text was revised:
MATH 1325 - ELEMENTS OF CALCULUS WITH APPLICATIONS
3 Credits (3 hrs. lec.) A one-semester calculus course for non-science majors. Topics include limits, continuity, rates of change, differentiation and integration techniques and applications, calculus of the logarithmic and exponential functions and partial derivatives. (2703015319) Prerequisites: MATH 1314 or MATH 1324 or placement by testing; ENGL 0305 or ENGL 0365 OR higher level course (ENGL 1301). OR placement by testing
The above text should now read as follows (effective Fall 2014):

**MATH 1325 - CALCULUS FOR BUSINESS & SOCIAL SCIENCES**
3 Credits (3 hrs. lec.) This course is the basic study of limits and continuity, differentiation, optimization and graphing, and integration of elementary functions, with emphasis on applications in business, economics, and social sciences. This course is not a substitute for MATH 2413, Calculus I. (2703015319) Prerequisites: MATH 1314 or MATH 1324 or placement by testing; College level readiness in reading.

The approval code for MATH 2318 should read 2701016319 (effective Fall 2014)
The approval code for MATH 2320 should read 2701016419 (effective Fall 2014)

**Page 301**
The approval code for MATH 2414 should read 2701016019 (effective Fall 2014)
The approval code for MATH 2415 should read 2701016119 (effective Fall 2014)

**Page 310**
The approval code for MUSI 1263 should read 5009036506 (effective Fall 2014)
The approval code for MUSI 1264 should read 5009036506 (effective Fall 2014)

**Page 313**
In the description for PHED 1164 - Introduction to Physical Fitness & Sport, the following text was revised:
1 Credits (2 hrs. lec.)
The above text should now read as follows (effective Fall 2014):
1 Credits (1 hrs. lec., 2 hrs. lab.)

**Page 319**
The approval code for PORT 1411 should read 1609045113 (effective Fall 2014)

**Page 320**
The approval code for PSYC 2308 should read 4227035125 (effective Fall 2014)
The approval code for PSYC 2314 should read 4227035125 (effective Fall 2014)

**Page 334**
The approval code for SPCH 1144, 1145, 2144, 2145 should read 2313046012 (effective Fall 2014)

**Page 335**
The approval code for SPCH 2335 should read 2313045912 (effective Fall 2014)