

KNOWLEDGE KNOWS NO BOUNDARIES.



Computer and Information Sciences Tech-Prep and Dual Enrollment Opportunities

December 2009

The University of Texas at Brownsville and Texas Southmost College



- CIS Dual Enrollment requirements
- Dual Enrollment books and prerequisites
- Dual Enrollment Instructor Training session
- Certificate Computer Proficiency for High School Students
- Questions and Answers

CIS Dual Enrollment Requirements

- Laboratories with 25 - 30 students
- Classes with dual students only
- High School Freshman students are not eligible to take dual enrollment courses (THECB 4.85b Dual Credit Requirements)
- Online course delivery
- Online course testing

ITSC 1409 Integrated Software Applications I

BIM I

Prerequisite	Book Required	Note	Degree Plan Credit
GPA 70	Microsoft Office 2010: Introductory By Gary B. Shelly, Misty E. Vermaat ISBN 13:9781439078419 ISBN 1439078416	Class sets permitted	<i>Certificate Level One:</i> ■ Computer Information Technology Specialist <i>Associate Degree:</i> ■ Associate of Science in Technology

COSC 1301 Introduction to Computing BIM II

Prerequisite	Book (s) Required	Note	Degree Plan Credit
MATH 0322 Intermediate Algebra or Algebra I (HS course) or BIM I (ITSC 1409 grade greater than or equal to 80)	<p><i>Concepts textbook:</i> Fluency4 with Information Technology By Lawrence Snyder ISBN 13:978-0-13-609182-0 ISBN 0-13-609182-2</p> <p><i>Lab textbook:</i> Microsoft Office 2010: Advanced By Gary B. Shelly, Misty E. Vermaat ISBN 13:9781439078549 ISBN 1439078548</p>	<p>Concepts textbook: One textbook per student required</p> <p>Lab textbook: Class sets permitted for lab textbook</p>	<p><i>Certificate Level One:</i></p> <ul style="list-style-type: none"> ▪Computer Information Technology Specialist, ▪Computer Web Design and Programming, <p><i>Associate Degrees:</i></p> <ul style="list-style-type: none"> •Computer Information Systems, •Computer Web Design and Programming, •Associate of Science in Technology, <p><i>Bachelor degrees:</i> Please consult the UTB/TSC catalog 2009</p>

IMED 1416 Web Design I

Web Technologies

Prerequisite	Book Required	Note	Degree Plan Credit
BIM I or ITSC 1409 GPA 70	Adobe Dreamweaver CS5 Comprehensive By Gary B. Shelly and Dolores J. Wells ISBN 13: 9780538473941	Class sets permitted	<i>Certificate Level One:</i> <ul style="list-style-type: none"> ▪ Computer Information Technology Specialist ▪ Computer Web Design and Programming <i>Associate Degree:</i> <ul style="list-style-type: none"> ▪ Computer Information Systems ▪ Computer Web Design and Programming ▪ Associate of Science in Technology

ITSE 1431 Introduction to Visual Basic Programming Business Computer Programming II

Prerequisite	Book Required	Note	Degree Plan Credit
BIM II or COSC 1301 GPA 70	Microsoft Visual Basic 2010 for Windows, Web, Office, and Database Applications: Comprehensive ISBN 13:9780538468473	One textbook per student required	<i>Certificate Level One:</i> <ul style="list-style-type: none"> ▪Computer Information Technology Specialist <i>Associate Degree:</i> <ul style="list-style-type: none"> ▪Computer Information Systems ▪Associate of Science in Technology

ITSC 1425 Personal Computer Hardware Computer Maintenance Tech I

Prerequisite	Book Required	Note	Degree Plan Credit
BIM II or COSC 1301 GPA 70	COMPTIA A+ 2009 in depth By Jean Andrews ISBN 13- 9781435454897	One textbook per student required	<i>Certificate Level One:</i> <ul style="list-style-type: none"> ▪Computer Information Technology Specialist <i>Associate Degree:</i> <ul style="list-style-type: none"> ▪Computer Information Systems ▪Associate of Science in Technology

POFI 2431 Desktop Publishing for the Office Digital and Interactive Media

Prerequisite	Book Required	Note	Degree Plan Credit
ITSC 1409 or BIM I GPA 70	The Design Collection Revealed: Adobe InDesign CS5, Photoshop CS5 and Illustrator CS5 By Chris Botello and Elizabeth Eisner Reding ISBN 10:1111130612 ISBN 13:9781111130619	Class sets permitted	<i>Certificate Level One:</i> <ul style="list-style-type: none"> ▪Computer Information Technology Specialist <i>Associate Degree:</i> <ul style="list-style-type: none"> ▪Computer Information Systems ▪Associate of Science in Technology

Dual Enrollment Instructor Training August 27, 2011

Class	Place	Time
BIM I	Rust 110	9:00 am – 10:00 am
BIM II	Rust 110	10:00 am – 11:00 am
Web Technologies Business Business Computer Programming II Computer Maintenance Tech I Digital and Interactive Media	Rust 110	11:00 am – 12:00 pm

Certificate for High School Students

- Computer Proficiency - Certificate

Computer and Information Sciences Certificate Computer Proficiency for High School Students

First Semester		HRS
COSC 1301	Introduction to Computing	3-4
IMED 1416	Web Design I	4
	CIS Elective I	4
	CIS Elective II	4
Total Credit Hours for Graduation		15--16

Elective courses:

- ITSE 1431 Introduction to Visual basic Programming
- POFI 2431 Desktop Publishing for the Office
- ITSE 2409 Data Base Programming
- ITSC 1409 Integrated Software Applications I