

ACU Dallas Approval Chart for Curriculum Changes

A = Approve I = Information Item R = Advise & Respond

Course Number: Approval of Shared Courses with Cross-Listing: SEE ATTACHED MEMO

B.S. Information Technology Administration

Circle the number that corresponds to the requested change.

		Program	Dean	College Academic	Provost	President
	Change to a Course					
1.	Title (description unchanged)	A	A	I	I	I
2.	Description (not affecting content)	A	A	I	I	I
3.	Course term(s)	A	A	I	I	I
4.	Content (substantive change)	A	A	A	A	I
5.	Number of credit hours	A	A	A	A	I
6.	Course number within the hundred	A	A	I	I	I
7.	Course number beyond the hundred	A	A	A	A	I
8.	Prerequisites	A	A	A	A	I
9.	Course fee(s)	A	A	--	A	I
10.	From U to G <i>or</i> G to U	A	A	A	A	I
11.	Cross list with another program or department	A	A	A	A	I
12.	Program/department of record	A	A	A	A	I
13.	Open or close a course	A	A	A	A	I
14.	New course (application required) / Adoption of Existing Course	A	A	A	A	I

		Program	Dean	College Academic	Provost	President	Board of Trustees
	Change to a Degree Plan						
1.	Major/Program — Revision	A	A	A	A	A	--
2.	Major/Program — Adopt or change admission requirements	A	A	A	A	A	--
3.	Major/Program — Add	A	A	A	A	A	--
4.	Major/Program — Offer existing university program on campus	--	A	A	A	A	--
5.	Major/Program — Discontinue (proposed by Program or College)	A	A	A	A	A	I
6.	Major/Program — Discontinue (proposed by Provost)	R	R	A	A	A	I
7.	GPA — Revise major/program or cumulative requirement	A	A	A	A	A	--
8.	Minor — Revise course selection	A	A	I	I	I	--
9.	Minor — Add	A	A	A	A	A	--
10.	Minor — Discontinue (proposed by Program or College)	A	A	A	A	A	--
11.	Minor — Discontinue (proposed by Provost)	R	R	A	A	A	--
12.	Degree — Add	A	A	A	A	A	I
13.	Degree — Discontinue (proposed by Program or College)	A	A	A	A	A	I
14.	Degree — Discontinue (proposed by Provost)	R	R	A	A	A	I

		Program	Dean	College Academic	UGEC	UUAC	Provost	Faculty	President
	Change to Undergraduate University Requirements								
15.	University Requirements — Change in approved course content	A	A	A	A	A	A	--	A
16.	University Requirements — Add or drop a required course from the University Requirements chart	A	A	A	A	A	A	A	A
17.	University Requirements — Add or drop a course from a menu within the University Requirements chart	A	--	--	A	A	A	--	A
18.	University Requirements — Change hours within a menu on the University Requirements chart	A	A	A	A	A	A	A	A
	Change to Catalog Information								
1.	General requirements for graduation including course requirements that are common to all majors for all degrees	--	--	A	--	A	A	A	A
2.	Admission requirements	--	--	A	--	A	A	A	A

Program Director/Department Chair

Dr. Joe Feliciano

Oct 4, 2020

Joe Feliciano, Program Director

Date

Signature

Date

Dean(s)

Joe L. Cope

Sep 27, 2020

Joe L. Cope, Dean

Date

Signature

Date

College Academic Council

Joseph Halbert, Chair

Date

Chair's signature

Date

University General Education Council

Chair's signature

Date

Undergraduate Academic Council

Chair's signature

Date

Provost

Robert Rhodes, Provost

Date

Faculty

Faculty Senate Chair's signature

Date

President

Phil Schubert

Date

M E M O R A N D U M

To: CGPS Academic Council
From: Joe Feliciano, Program Director
Joe L. Cope, Dean
Re: Shared Course Approvals with Cross-Listing
Information Technology Administration
Date: September 23, 2020

Courses that were approved by ACU Abilene departments, colleges, and councils are identified for inclusion in ACU Dallas programs. ACU Dallas adopts these previously approved courses, along with their course descriptions and student learning outcomes, as new courses and cross-lists them with the original course.

The courses listed below have been identified for use in ACU Dallas programs and for approval for adoption and cross-listing.

CS 330

- Course Title: Human/Computer Interaction
- Credit Hours: 3
- Course Description: Introduction to both the programmatic and psychological considerations surrounding shaping the computer tool to the user. The course will cover the details of implementing a graphical user interface, and how to make the interface as user-friendly as possible. Prerequisite: ITC 125 or MKTO 341.
- Course Outcomes
 - PO #5: Application Development
Students will be able to develop real-world applications.
SLO 5. 1 Students will be able to effectively propose a desired user experience for use in application development.
- New cross-listed subject code and course number: **CSO 330**

IT 225 (Currently in Catalog as ITO 225; no prior CGPS Academic Council approval)

- Course Title: Web Technologies
- Credit Hours: 3

- Course Description: An introduction to the development of web pages used to display images, tables, forms, and frames. Topics include HTML, cascading style sheets, server- and client-side scripting, applets, and web databases and security. Also introduces Internet browsers, user computer configurations, standard protocols, XML compatibility, Dynamic HTML, and accessibility issues. Prerequisite: ITO 220; CSO 116 or CS 120.
 - Course Outcomes
 - PO #1. Knowledge Base in Information Systems and Technology
Students will be knowledgeable IT professionals capable of problem-solving and solution implementation.
SLO 1.1 Students will be able to list and differentiate the basic functions and processes within the information technology discipline.
 - New cross-listed subject code and course number: **ITO 225**
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IT 310 (Currently in Catalog as ITO 310; no prior CGPS Academic Council approval)

- Course Title: Introduction to Computer and Information Security
 - Credit Hours: 3
 - Course Description: A survey of the fundamental concepts of computer and information security, including policies and technologies used to achieve secure networks, systems, computing facilities, and information resources. Topics include common system vulnerabilities and threats; models and mechanisms for mandatory, discretionary, and role-based access controls; authentication technologies; ethical issues; and related ideas. Provides initial training towards professional database certification. Prerequisite: ITO 220 or ITO 221.
 - Course Outcomes
 - PO #1. Knowledge Base in Information Systems and Technology Students will be knowledgeable IT professionals capable of problem-solving and solution implementation.
SLO 1.1 Students will be able to list and differentiate the basic functions and processes within the information technology discipline.
 - PO #4. Ethical and social responsibility Students will develop ethically and socially responsible behaviors appropriate to professional information technology settings.
SLO 4.1: Students will understand the design and the implementation of best practices in information security.
 - New cross-listed subject code and course number: **ITO 310**
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IT 320 (Currently in Catalog as ITO 320; no prior CGPS Academic Council approval)

- Course Title: Database Administration
 - Credit Hours: 3
 - Course Description: Presents the concepts and techniques of modern database administration. Topics include: system/software evaluation, selection, installation, operations, and maintenance; capacity planning and re-engineering; and utilities and tools for trouble-shooting, backup/recovery, and performance monitoring/tuning. Discusses approaches and standards for organizing and managing the database resources, users, and technology of an enterprise.
 - Course Outcomes
 - PO #4. Ethical and social responsibility Students will develop ethically and socially responsible behaviors appropriate to professional information technology settings.
 - SLO 4.1: Students will understand the design and the implementation of best practices in information security.
 - New cross-listed subject code and course number: **ITO 320**
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IT 325

- Course Title: Web Application Development
- Credit Hours: 3
- Course Description: Continuation of Web Development I. Topics include: Rapid Application Development; client- and server-side scripting for user and database interaction; session/cookie management; and privacy and integrity issues. Students learn scripting languages such as JavaScript, Perl, and ASP and develop an understanding of the document object model. Emphasizes satisfying client specifications. Prerequisite: CSO 116 or CSO 118 or CSO 130 with a grade of "C" or better.
- Course Outcomes
 - PO #5a: Application Development
 - Students will be able to develop real-world applications.
 - SLO 5a. 1 Students will be able to effectively propose a desired user experience for use in application development.
 - SLO 5a.2 Students will be able to design, develop, and code mobile applications.
 - SLO 5a.3 Students will be able to design, code and implement cloud applications.
- New cross-listed subject code and course number: **ITO 325**

IT 410 (Currently in Catalog as ITO 410; no prior CGPS Academic Council approval)

- Course Title: Systems Integration and Administration
- Credit Hours: 3
- Course Description: Study and practice in the integration and administration of computer systems. Topics include: system planning, configuration, maintenance, and diagnostics; backup and restore processes; integration at various levels; open source technologies; and customer support. Requires scripting and shell programming. Prerequisite: Completion of all required 100- and 200-level CSO and ITO courses.
- Course Outcomes
 - PO #1. Knowledge Base in Information Systems and Technology Students will be knowledgeable IT professionals capable of problem-solving and solution implementation.
 - SLO 1.4 Students will be able to describe current topics in the field of Information Technology and will be enabled to gain relevant professional certifications.
 - PO #2. Application of Information Systems and Technology into Organizations Students will demonstrate the ability to apply a systems approach to the design and development of information systems within organizations.
 - SLO 2.2 will be able to develop and present a technical and operational plan for integrating a new server or application software package into an organization's existing computing infrastructure.
 - PO #5b: Cybersecurity
 - Students will demonstrate a capacity to implement current security practices and adapt to evolving threats.
 - SLO 5b.1: Students will be able to develop and implement modern information security systems.
- New cross-listed subject code and course number: **ITO 410**

IT 415 (Currently in Catalog as ITO 415; no prior CGPS Academic Council approval)

- Course Title: Networks and Security Administration
- Credit Hours: 3
- Course Description: Study and practice in administering and securing a multifaceted network and communications infrastructure. Topics include: network standards, protocols, naming systems, configurations, and services; hardware and operating system interoperability; capacity planning and re-engineering; security requirements and procedures; logging and auditing tools; disaster planning; and trouble-shooting and performance tuning. Emphasizes user needs. Prerequisite: ITO 221 and ITO 310.

- Course Outcomes
 - PLO #5b: Cybersecurity: Students will demonstrate a capacity to implement current security practices and adapt to evolving threats.
 - SLO 5b.1: Students will be able to develop and implement modern information security systems.

- New cross-listed subject code and course number: **ITO 415**