

PROCEDURAL SEQUENCE FOR ACADEMIC SENATE APPROVAL OF PROPOSALS

1. Submit all proposals to the Office of Academic Affairs.
2. The Senate President will log items and forward them to the appropriate Senate subcommittees.
3. The Senate subcommittee will send the proposal to the Senate.
4. Senate proposals will be considered by the Full Faculty.
5. If approved, the proposal will then be forwarded to the Provost/Senior Vice Chancellor.

Proposals that require action to approve/disapprove/table or remand will be sent back to the Senate according to the monthly meeting schedule.

TITLE: Computer Information Systems Program Changes
 (CIS)
 SUBCOMMITTEE: _____ PROPOSAL #: 00-15

PROPOSAL: Changes to CIS programs

12-7-00 NOTE: CIS ED minor changes were removed at the request of Curriculum Committee + sent to Teacher Ed as proposal 00-16

Action Signatures:

[Signature]
 Submitter _____ Date _____

[Signature] 11-30-00
 College Chair/Dean _____ Date _____

T. Welch
 Committee Chair _____

Approve Disapprove _____ Date 12/5/00

[Signature]
 Committee Chair _____

Approve Disapprove _____ Date 1-16-01

[Signature]
 Faculty Senate President _____

Approve Disapprove _____ Date 1-23-01

[Signature]
 Provost/Senior Vice Chancellor for Academic Affairs _____

Approve Disapprove _____ Date 2/3/01

Revised: 11/15/99

[Signature]
 Chancellor _____

Approve Disapprove _____ Date 2/00/01

Program Revision Form

NEW _____ DROPPED _____ MAJOR REVISION X INFORMATION ONLY _____

Department Technical Science Program Area Computer Information Systems Date 1-Nov-2000

Please provide in the space below a "before and after" picture of the program with the changes in the program noted. Attached appropriate Course Revision Forms.

COMPUTER INFORMATION SYSTEMS MAJOR

Current Program		Credits	Proposed Program		Credits
BUS 250	Business Statistics	3	BUS 250	Business Statistics	3
CIS 111	Integrated Business Apps.	3	CIS 111	Integrated Business Apps.	3
			CIS 112	Computer Systems Introduction	3
CIS 115	Introduction to Programming	3	CIS 115	Introduction to Programming	3
CIS 155	Programming Level I	3	CIS 155	Programming Level I	3
CIS 171	Database Level I	3	CIS 171	Database Level I	3
CIS 255	Programming Level II	3	CIS 255	Programming Level II	3
CIS 270	System Analysis & Design	3	CIS 270	System Analysis & Design	3
CIS 271	Software Engineering	3	CIS 271	Software Engineering	3
CIS 285	Spreadsheet	3	CIS 285	Spreadsheet	3
CIS 300	Operating Systems Introduction	3	CIS 300	Operating Systems Introduction	3
CIS 325	Information Resource Manag	3	CIS 325	Information Resource Management	3
CIS 355	Programming III	3	CIS 355	Programming III	3
CIS 360	Business Telecomm & Networking	3	CIS 360	Business Telecomm & Networking	3
CIS 371	Database Level II	3	CIS 371	Database Level II	3
CIS 410	Decision Support Systems	3	CIS 410	Enterprise Resource Planning	3
CIS 455	Web Presentation & Programming	3	CIS 455	E-commerce Programming	3
CIS 471	Information System Engineering	3	CIS 471	Information System Engineering	3
DRFT 156	Introduction to CAD	3	DRFT 156	Introduction to CAD	3
EET 305	Digital Systems	3	EET 305	Digital Systems <i>Area D</i>	3
EET 450	Advanced Digital Systems	3	EET 450	Advanced Digital Systems <i>Area D</i>	3
IET 480	Senior Project I	1			
	Electives	20		Electives	18 24
	Fundamental Skills Requirements	15		Fundamental Skills Requirements	15
	General Education Requirements	24		General Education Requirements	24
	Total Credits	120		Total Credits	120

New instructional resources needed (including library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources.

NONE

Handwritten initials/signature

Program Revision Form

NEW _____ DROPPED _____ MAJOR REVISION X INFORMATION ONLY _____

Department Technical Science Program Area Computer Information Systems Date 1-Nov-2000

Please provide in the space below a "before and after" picture of the program with the changes in the program noted. Attached appropriate Course Revision Forms.

COMPUTER INFORMATION SYSTEMS MINOR

CURRENT

Required Courses

CIS 115	Introduction to Programming	3
CIS 145	Pascal Programming	3
	or	
CIS 155	Programming Level I	3
CIS 171	Database Level I	3
CIS 285	Spreadsheet	3
CIS 325	Information Resource Mgmt	3
CIS 360	Bus. Telecommunications & Networking	3
CIS 410	Decision Support Systems	3

Pick 3 credits from the following:

DRFT 356	CAD PRESENTATIONS	3
CIS 371	Database Level II	3

PROPOSED

Required Courses

CIS 115	Introduction to Programming	3
CIS 155	Programming Level I	3
CIS 171	Database Level I	3
CIS 255	Programming Level II	3
CIS 285	Spreadsheet	3
CIS 325	Information Resource Mgmt	3
CIS 360	Bus. Telecommunications & Networking	3
CIS 410	Enterprise Resource Planning	3

Pick 6 credits from the following:

CIS 300	Operating Systems Introduction	3
CIS 355	Programming III	3
CIS 371	Database Level II	3
CIS 455	Ecommerce Programming	3

- Dropping CIS 145 PASCAL.
- Adding CIS 255, CIS 355 to SELECTIVE list.
- Removing DRFT 356 from SELECTIVE list.

New instructional resources needed (including library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources.

NONE

Course Revision Form

NEW DROPPED MAJOR REVISION INFORMATION ONLY

Department Technical Science Program Area Computer Information Systems Date 01-Nov-2000

Prefix CIS No. 112 Title Computer Systems Introduction Credits 3

Required by CIS

Selective in: N/A

Elective in: N/A

General Education: Computer Basic Skill, Area C

Lecture Lecture/Lab Contact hours lecture 3 Contact hours lab 0

Current Catalog Description (include all prerequisites):

NONE

Proposed Catalog Description (include all prerequisites):

This class covers essential skills for students entering the CIS program. Topics covered include: Web page construction, Photo editing, file transfer protocol (FTP), telnet, using Unix, using NT, Programming tools such as b-liner and visible analyst. Command prompt interface, Batch file and scripts, directory structures will be included.

Course Outcome Objectives:

Students will learn how to use the fundamental tools, networks and software, which is used throughout the computer program and in the industry.

New instructional resources needed (including library materials, special equipment, and facilities).

Please note: approval does not indicate support for new faculty or additional resources.

-none-

Course Revision Form

NEW DROPPED MAJOR REVISION INFORMATION ONLY

Department Technical Science Program Area Computer Information Systems Date 01-Nov-2000

Prefix CIS No. 145 Title Pascal Programming Credits 3

Required by CIS

Selective in: N/A

Elective in: N/A

General Education: Computer Basic Skill, Area C

Lecture Lecture/Lab Contact hours lecture 3 Contact hours lab 0

Current Catalog Description (include all prerequisites):

N/A

Proposed Catalog Description (include all prerequisites):

N/A

Course Outcome Objectives:

N/A

New instructional resources needed (including library materials, special equipment, and facilities).

Please note: approval does not indicate support for new faculty or additional resources.

-none-

Course Revision Form

NEW DROPPED MAJOR REVISION INFORMATION ONLY

Department Technical Science Program Area Computer Information Systems Date 01-Nov-2000

Prefix CIS No. 271 Title Software Engineering Credits 3

Required by CIS

Selective in: N/A

Elective in: N/A

General Education: Computer Basic Skill, Area C

Lecture Lecture/Lab Contact hours lecture 3 Contact hours lab 0

Current Catalog Description (include all prerequisites):

Prerequisites: CIS 110, CIS 115, CIS 155, CIS 171 & CIS 271

This course continues CIS 270. It entails program implementation, testing, debugging, and documentation of a complete system. Includes project management techniques

Proposed Catalog Description (include all prerequisites):

Prerequisites: CIS 110 or Higher, CIS 115, CIS 155, CIS 171 & CIS 271.

This course continues CIS 270. It entails program implementation, testing, debugging, and documentation of a complete system. Includes project management techniques such as ISO 9000 standards, Visual Basic, Access, ODBC connections and programming logic.

Course Outcome Objectives:

Same

New instructional resources needed (including library materials, special equipment, and facilities).

Please note: approval does not indicate support for new faculty or additional resources.

-none-

Course Revision Form

NEW DROPPED MAJOR REVISION INFORMATION ONLY

Department Technical Science Program Area Computer Information Systems Date 01-Nov-2000

Prefix CIS No. 285 Title Spreadsheets Credits 3

Required by CIS

Selective in: N/A

Elective in: N/A

General Education: Computer Basic Skill, Area C

Lecture Lecture/Lab Contact hours lecture 3 Contact hours lab 0

Current Catalog Description (include all prerequisites):

Prerequisite: CIS 110, Math 107 or Math 110 or higher math.

Theory and applications of spreadsheet software. Includes advanced features, complex models, macro implementation, graph creation, and graphic presentation of analyzed data

Proposed Catalog Description (include all prerequisites):

Prerequisite: CIS 110 or Higher, Math 110 or higher math.

Also included OK
CURE
This class includes theory and applications of spreadsheet software. Advanced features such as, Programming, Web linking, Scripting, Goal seeking, Solver, application integration, list management, complex models, macro implementation, graph creation, and graphic presentation of analyzed data will be covered.

Course Outcome Objectives:

N/A

New instructional resources needed (including library materials, special equipment, and facilities).

Please note: approval does not indicate support for new faculty or additional resources.

-none-

Course Revision Form

NEW DROPPED MAJOR REVISION INFORMATION ONLY

Department Technical Science Program Area Computer Information Systems Date 01-Nov-2000

Prefix CIS No. 325 Title Information Resource Managment Credits 3

Required by CIS

Selective in: N/A

Elective in: N/A

General Education: Computer Basic Skill, Area C

Lecture Lecture/Lab Contact hours lecture 3 Contact hours lab 0

Current Catalog Description (include all prerequisites):

Proposed Catalog Description (include all prerequisites):

This class will cover Information Management areas including BPM, collaborative and workgroup software, version control software, Help desk software and collaborative networking in LAN and WAN environments.

Course Outcome Objectives:

Same

New instructional resources needed (including library materials, special equipment, and facilities).

Please note: approval does not indicate support for new faculty or additional resources.

-none-

Course Revision Form

NEW DROPPED MAJOR REVISION INFORMATION ONLY

Department Technical Science Program Area Computer Information Systems Date 01-Nov-2000

Prefix CIS No. 360 Title Telecomm and Networking Credits 3

Required by CIS

Selective in: N/A

Elective in: N/A

General Education: Computer Basic Skill, Area C

Lecture Lecture/Lab Contact hours lecture 3 Contact hours lab 0

Current Catalog Description (include all prerequisites):

Prerequisite: CIS 110 , CIS 155, CIS 255

An overview of the network and communications on the mini and micro-computer. This class will stress internet, Micro BBS and Novell systems. Students will be required to perform both out-of class and in-class homework using computers. Students will be required to install and set-up software on a network. Some work will be performed in teams.

Proposed Catalog Description (include all prerequisites):

Prerequisite: CIS 110 or Higher , CIS 155, CIS 255

An overview of the network and communications using the internet and LAN, WAN and MAN configurations. This class will stress TCP/IP in relation to the OSI model. Hubs, switches, and NIC's will be configured and tested. Students will be required to perform both out-of class and in-class homework using Windows NT, Windows 2000 and Unix computers. Students will be required to install and set-up software on a network. Some work will be performed in teams,

Course Outcome Objectives:

Same

New instructional resources needed (including library materials, special equipment, and facilities).

Please note: approval does not indicate support for new faculty or additional resources.

-none-

This course is

Course Revision Form

NEW DROPPED MAJOR REVISION INFORMATION ONLY

Department Technical Science Program Area Computer Information Systems Date 01-Nov-2000

Prefix CIS No. 410 Title Decision Support Systems Credits 3

Required by CIS

Selective in: N/A

Elective in: N/A

General Education: Computer Basic Skill, Area C

Lecture Lecture/Lab Contact hours lecture 3 Contact hours lab 0

Current Catalog Description (include all prerequisites):

Title: Decision Support Systems

The application of selected behavioral and quantitative decision support tools, emphasizing problem identification, technique selection, and results or computerized solution interpretations. Topics include: decision models, resource allocation models, project management models, and forecasting models. Prerequisites: CIS 110 or equivalent competencies, MATH 110 or MATH 112.

Proposed Catalog Description (include all prerequisites):

Title: Enterprise Resource Planning

This class covers the application of selected behavioral and quantitative decision support tools, emphasizing problem identification, technique selection, and results or computerized solution interpretations. Topics include: decision models, resource allocation models, project management models, and forecasting models including software contracts, proposals, data warehousing and data mining

Prerequisites: CIS 110 or higher competencies, MATH 110 or MATH 112.

Course Outcome Objectives:

No Change

New instructional resources needed (including library materials, special equipment, and facilities). Please note: approval does not indicate support for new faculty or additional resources.

-none-

Course Revision Form

NEW DROPPED MAJOR REVISION INFORMATION ONLY

Department Technical Science Program Area Computer Information Systems Date 01-Nov-2000

Prefix CIS No. 455 Title Web Presentation/Programming Credits 3

Required by CIS

Selective in: N/A

Elective in: N/A

General Education: Computer Basic Skill, Area C

Lecture Lecture/Lab Contact hours lecture 3 Contact hours lab 0

Current Catalog Description (include all prerequisites):

Title: Web Presentation/Programming

Proposed Catalog Description (include all prerequisites):

Title: E-Commerce Programming

Course Outcome Objectives:

No Change

New instructional resources needed (including library materials, special equipment, and facilities).

Please note: approval does not indicate support for new faculty or additional resources.

-none-