



DEPARTMENT OF
HIGHER EDUCATION &
WORKFORCE DEVELOPMENT

New Program Report

Date Submitted:

02/20/2024

Institution

Missouri State University-West Plains

Site Information

Implementation Date:

8/1/2024 12:00:00 AM

Added Site(s):

Selected Site(s):

Missouri State University-West Plains, 128 Garfield, West Plains, MO, 65775

CIP Information

CIP Code:

110101

CIP Description:

A general program that focuses on computing, computer science, and information science and systems. Such programs are undifferentiated as to title and content and are not to be confused with specific programs in computer science, information science, or related support services.

CIP Program Title:

Computer and Information Sciences, General

Institution Program Title:

Information Technology

Degree Level/Type

Degree Level:

Associate Degree

Degree Type:

Associate of Science

Options Added:

Collaborative Program:

N

Mode of Delivery

Current Mode of Delivery

Hybrid

Student Preparation

Special Admissions Procedure or Student Qualifications required:

None

Specific Population Characteristics to be served:

n/a



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Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:

Standard university faculty credential requirements (masters degree in the field or related field; bachelors degree with additional industry-recognized certificates may be considered)

Estimate Percentage of Credit Hours that will be assigned to full time faculty:

70

Expectations for professional activities, special student contact, teaching/learning innovation:

Exploring further activities/opportunities for the entire IT/IST program

Student Enrollment Projections Year One-Five

Year	Full Time	Part Time	Number of Graduates
Year 1	7	3	
Year 2	15	6	
Year 3	22	8	8
Year 4	31	11	
Year 5	39	13	22

Percentage Statement:

n/a

Program Accreditation

Institutional Plans for Accreditation:

No additional accreditation is available at this time specific to this program.

It will be submitted for approval by the Higher Learning Commission and is transferrable directly to MSU-Springfield toward their Bachelor of Science.

Program Structure

Total Credits:

60

Residency Requirements:

n/a

General Education Total Credits:

43

Major Requirements Total Credits:

17

Course(s) Added

COURSE NUMBER	CREDITS	COURSE TITLE
CIS 295	3	Database Management Systems Concepts
CIS 101	3	Computers for Learning
IDS 110	1	Student Success
CIS 260	3	Application Development I



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CIS 235	3	Computer Hardware & Operating Systems
ITS 297	1	Information Science & Technology Capstone
CIS 201	3	Computer Applications for Business

Free Elective Credits:

0

Internship or other Capstone Experience:

ITS 297 Information Science & Technology Capstone

Assurances

I certify that the program is clearly within the institution's CBHE-approved mission. The proposed new program must be consistent with the institutional mission, as well as the principal planning priorities of the public institution, as set forth in the public institution's approved plan or plan update.

I certify that the program will be offered within the proposing institution's main campus or CBHE-approved off-site location.

I certify that the program will not unnecessarily duplicate an existing program of another Missouri institution in accordance with 6 CSR 10-4.010, subsection (9)(C) Submission of Academic Information, Data and New Programs.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the program can be launched with minimal expense and falls within the institution's current operating budget.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

Contact Information

First and Last Name: CARRIE
STEEN

Email: carriesteen@missouristate.edu

Phone: 417-255-8083

Information Technology

Associate of Science in Information Technology

The Associate of Science in Information Technology is a transfer degree and contains the Missouri Higher Education Core Transfer Curriculum (Core 42), including specific general education and information technology courses needed to facilitate transfer. This academic guide is based on the 2024-2025 Missouri State University-West Plains Catalog. The time to complete the degree will vary, depending on remediation, summer enrollment, number of classes taken per semester, etc.

Degree Requirements

Written Communications		Credit Hours
ENG 110 Writing I		3
Writing II: Select three (3) credit hours		
ENG 210 Writing II: Academic Writing		3
ENG 221 Writing II: Writing for the Professions		
Oral Communications		Credit Hours
COM 115 Fundamentals of Public Speaking		3
Mathematical Sciences		Credit Hours
MTH 136 Pre-Calculus I: Algebra or higher		3
Natural Sciences		Credit Hours
Select a minimum of seven (7) credit hours of natural science courses, including at least one course with lab component, from the list of approved Natural Sciences Core 42 courses.		7
Social and Behavioral Science		Credit Hours
ECO 155 Principles of Macroeconomics		3
ECO 165 Principles of Microeconomics		3
Civics: Select three (3) credit hours		
HST 121 Survey of US History to 1877		
HST 122 US History Since 1877		3
PLS 101 American Democracy and Citizenship		
Humanities and Fine Arts		Credit Hours
BUS 170 Business and Professional Ethics		3
Select six (6) credit hours from the list of approved Humanities and Fine Arts Core 42 courses.		6
Additional General Education		Credit Hours
PSY 121 Introductory Psychology		3
Select three (3) credit hours from the list of approved Core 42 courses.		3
Division Requirements		Credit Hours
CIS 101 Computers for Learning		3
IDS 110 Student Success		1
ITS 297 Information Science & Technology Capstone		1
Business Requirements		Credit Hours
CIS 201 Computer Applications for Business		3
CIS 235 Computer Hardware & Operating Systems		3
CIS 260 Application Development I		3
CIS 295 Database Management Systems Concepts		3
Total Hours Required		60

Degree Notes:

- Math requirements exclude MTH 197 or MTH 297.
- Students should confirm the transferability of courses with their transfer university before completing courses at MSU-WP.
- This degree is a transfer degree and contains the Missouri Higher Education Core Transfer Curriculum (Core 42).

Recommended Two-Year Plan

	Course #	Credit Hours
Term 1 (Fall)	CIS 101	3
	COM 115	3
	IDS 110	1
	Hum/Fine Arts	3
	PSY 121	3
	Total	13
Milestone: Complete CIS 101 and IDS 110. Complete MTH 136 or prerequisite math course.		

	Course #	Credit Hours
Term 2 (Spring)	CIS 201	3
	ECO 165	3
	ENG 110	3
	Hum/Fine Arts	3
	Natural Science	4
	Total	16
Milestones: Complete ENG 110.		

Milestones: Complete all English, Math and Reading prerequisites during first year.

	Course #	Credit Hours
Term 3 (Fall)	CIS 235	3
	CIS 295	3
	Civics	3
	ENG 210 / 221	3
	MTH 136	3
		Total
Milestones: Complete MTH 136.		

	Course #	Credit Hours
Term 4 (Spring)	BUS 170	3
	CIS 260	3
	ECO 165	3
	ITS 297	1
	Natural Science	3
	Gen Ed Elective	3
	Total	16
Milestone: Apply to graduate, Send final transcripts to 4 year university		

Milestone Notes:

- Milestones are a major step in the completion of the degree. Each milestone must be met in order to advance to the next stage of education.
- Milestone courses should be completed in the designated semester.
- All milestone courses must be completed with a C or higher.
- Students are encouraged to apply for graduation early in their last semester.

For More Information, Contact

Cathy Proffitt Boys, Information Science & Technology Program Coordinator
Telephone: 417-255-7278
Email: CathyBoys@MissouriState.edu

Welcome, (jgs4295)
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Curriculum Workflow

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Course Proposals

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Program Proposals

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View New Program Proposal

Submitted on 11/10/2023 by Cathy Boys. (cathyboys@missouristate.edu)

AS - Information Technology

Department: Department of Technology and Welding

Division: Applied Science and Technology

Cip Code:

110101

[Update Cip Code](#)

Cip Code has been assigned!

2. Other Program Header Information

Locations for Program Delivery.

West Plains Mountain Grove GOCAT

Does this program include any new courses?

Yes No

Minimum Credit Hours:

60

Please select all possible options for completing the program.

Classroom Hybrid Online

Full name of all degree options with Credit Hours if different:

N/A

Academic Map:

[AS in Information Technology 2024-2025.pdf](#)

3. Institutional Information

Reason for New Program:

Create a transfer degree for Information Technology

All new courses:

None

All revised courses:

None

Complete Catalog Description:

[AS in Information Technology Catalog Description 2024-2025.docx](#)

Board Resolution:

No.

RECOMMENDED ACTION - Approval of the New Academic Program for the Associate of Science in Information Technology.

The following resolution was moved by _____ and
seconded by _____ :

BE IT RESOLVED by the Board of Governors for the Missouri State University that the Associate of Science in Information Technology be approved for submission to the Coordinating Board for Higher Education.

VOTE: AYE

NAY

COMMENTS:

1. Missouri State University-West Plains currently offers an Associate of Applied Science (AAS) in Information Science and Technology. This degree is not a transfer degree but instead prepares students for employment after completion.
2. The proposed Applied Science (AS) in Information Technology is a transfer degree that contains 200-level information technology courses, several of the Missouri State University (MSU) College of Business admission requirements, and the Missouri Higher Education Core Transfer curriculum (Core 42.) This allows for seamless transfer to the MSU Information Technology program.
3. The proposed AS in Information Technology includes no new courses and utilizes existing information technology and general education classes. Existing full time and part time faculty will continue to teach courses in this program.
4. Information Technology is a high demand field and this degree will prepare students well for future success.
5. The proposed AS in Information Technology and the existing AAS in Information Science

4. Agency Information

MDHEWD

Special admissions procedures or student qualifications.

No

Characteristics of a specific population:

N/A

Special requirements:

None

Estimated percentage of credit hours for Full Time Faculty:

70%

Expectations of professional activities, special student contact, and teaching/learning innovation.

Still exploring those activities/opportunities for the entire IT/IST program

Percentage of students who will achieve licensing, certification, or registration:

Still exploring certification opportunities so the answer is unknown at this time.

Internship or other Capstone Experience:

One (1) credit capstone is required.

Students and Credit Hours:

Projections

	Year 1	Year 2	Year 3	Year 4	Year 5
Number Enrolled	10	15	20	25	30
Number of Graduates			10		20

General Education Total Credits

43

Major Requirements Total Credits

17

Free Elective Credits

0

Financial Projection Form - MDHEWD

Higher Learning Commission (HLC)

New Certificates

Program is made up of at least 50% existing courses?

Yes No

How will the certificate program be offered?

Classroom Hybrid Online

Has the institution outsource a portion of the program to an entity not accredited by an agency recognized by the U.S. Department of Education

Yes No

New Degree

Credit Hours

Total of following categories should equal program total. If range was hours, the minimum should have been used.

Existing or Repackaged Curricula Credit Hours:

Revised or redesigned curricula:

New Curricula

Will new faculty expertise or new faculty members be needed to launch this program?

No

Will the proposed program require a large outlay of additional funds by the institution?

No

Approvals

Board of Governors	Submission:	<input type="text"/>	<input type="checkbox"/> N/A	Approved:	<input type="text"/>	<input type="checkbox"/> N/A	<input type="button" value="Save BOG"/>
MDHEWD	Submission:	<input type="text"/>	<input type="checkbox"/> N/A	Approved:	<input type="text"/>	<input type="checkbox"/> N/A	<input type="button" value="Save MDHEWD"/>
HLC Screen	Submission:	<input type="text"/>	<input type="checkbox"/> N/A	Approved:	<input type="text"/>	<input type="checkbox"/> N/A	<input type="button" value="Save HLC Screen"/>
HLC Pre-Approval	Submission:	<input type="text"/>	<input type="checkbox"/> N/A	Approved:	<input type="text"/>	<input type="checkbox"/> N/A	<input type="button" value="Save HLC Pre Approval"/>

Approval Comments

Financial Aid Not Eligible Updates:

- Not Applicable Due to Aid Ineligible
- No Update Required

Financial Aid Submit/Approval Updates

Submitted:

Approved:

Financial Aid Comments

Save FinAid Comments

Current Status:

Institutional Research - Carrie Steen

Proposal Progress:

11/10/2023 - Approved by Department Head (Chuck Cook)

11/10/2023 - Approved by Dean (Cathy Boys)

11/17/2023 - Approved by Curriculum Committee (Melinda Denton)

12/05/2023 - Approved by Faculty Senate (Jason McCollom)

12/08/2023 - Approved by Vice Chancellor (Michael Orf)

01/02/2024 - Approved by Chancellor (Dennis Lancaster)

Review Comments:

Faculty Cathy Boys - There is no drop-down for the Department of Engineering, Computer Science & Information Science & Technology. I placed this in the Department of Technology & Welding in order to submit it.

Department Head Chuck Cook - No comment provided.

Dean Cathy Boys - In the future, this program needs to be moved to me to approve as department head. Thanks to Chuck for approving it this time.

Curriculum Committee Melinda Denton - No comment provided.

Faculty Senate Jason McCollom - No comment provided.

Vice Chancellor Michael Orf - No comment provided.

Chancellor Dennis Lancaster - No comment provided.

Reviewer Comments

Approve

Deny

Last Modified: September 10, 2018

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