**Curriculum Requests**

**COHP**

**Course Change (1)**

Change: Course Title, Content, Credit Hours and Catalog Description

Department: Communication Disorders

Old Title: CD 660 – Special Populations: Clinical Considerations

New Title: CD 660 – Augmentative and Alternative Communication

Rationale: This course will now be a stand alone course on one subject which is augmentative alternative communication. Other content areas of Autism and Sensory Integration will no longer be addressed in this course, but will be absorbed into other CD classes. American Speech and Hearing Association (ASHA), Communication Disorder’s governing body encourages a stand alone AAC graduate course.

Old Content: A course covering 3 main areas including Augmentative and Alternative Communication (AAC), Autism Spectrum Disorder and Sensory Integration.

New Content: A course covering one main area – Augmentative and Alternative Communication (AAC)

Rationale: Course requirements and learning outcomes for autism and sensory integration will no longer be included. However, course outcomes for AAC will not change.

Old Credit Hours: 3

New Credit Hours: 2

Adjusted Work Requirements: The rationale for the decrease in credit hours from 3 to 2 is directly related to the decreased content being taught in the course. Previously the course was 3-hour credit course which discussed AAC, sensory integration and Autism. The proposal is to eliminate the discussion of sensory integration and Autism, which are not direct outcomes or competencies required by ASHA. If approved, it will be a course that only addresses Augmentative Alternative Communication, (AAC).

Old Catalog Description: Examination of the principles of assessment and treatment of special populations with a focus on the interacting process of the sensory, behavioral, physical and communicative systems. (permission of the instructor)

New Catalog Description: Comprehensive overview of theoretical and practical issues related to the use of augmentative and alternative communication (AAC) systems; assessment and intervention strategies for children and adults in need of AAC. (permission of instructor)

Rationale: This change was made to reflect a stand alone course in augmentative and alternative communication. Other topics of autism and sensory integration related the Special Populations (old) course will be absorbed into other DC classes.

**COS**

**Course Additions (2)**

1. # / Title: CSF 554 – Advanced Network Defense

Description: Tools and techniques used to protect, monitor, analyze, detect and respond to unauthorized activity computers and networks.

Prerequisites: None

First Offered: Fall 2021

Credit Hours: 3

1. Department: Forensic Sciences

# / Title: CFS 650 – Adv Cyber Defense

Description: A advanced study cyber security, including coverage of topics such as social engineering, authorization techniques, security models, trusted computing, network architecture security, operating system security, endpoint security, database security, and physical security.

Prerequisites: N/A

First Offered: Spring 2021

Credit Hours: 3

Department: Forensic Science

**COB**

**Course Changes (6)**

1. Change: Change of alpha-designator

Department: MMIS

# / Title (old): IS 535 – **Applied Healthcare Databases**

# / Title (new): HIN 535 – **Applied Healthcare Databases**

Rationale: Change in College from College of Engineering and Computer Services to Lewis College of Business (LCOB)

Catalog Desc: To understand the logical and physical design of data stored and retrieved from relational databases, how it applies to healthcare, and how HIM professionals can effectively communicate business requirements.

Credit Hours: 3

1. Change: Change of alpha-designator

Department: MMIS

# / Title (old): IS 545 – Healthcare Data Analytics

# / Title (new): HIN 545 – Healthcare Data Analytics

Rationale: Change in College from College of Engineering and Computer Services to Lewis College of Business (LCOB)

Catalog Desc: The course focuses on the systems, techniques, strategies and methods of big data analysis, data mining and machine learning algorithms and data visualization in healthcare settings.

Credit Hours: 3

1. Change: Change of alpha-designator and catalog description

Department: MMIS

# / Title (old): IS 610 – **Systems Quality Assurance**

# / Title (new): MIS 610 – **Systems Quality Assurance**

Rationale: Change in College from College of Engineering and Computer Services to Lewis College of Business (LCOB)

Old Catalog Desc: This course will cover the steps in developing enterprise IT policies, standards, guidelines and procedures while ensuring quality and compliance responsible for the design, implementation, and evaluation, and monitoring of a comprehensive system. Physical design of information systems; hardware selection; software design, database considerations; program development; software structuring techniques; cost/ performance trade-offs; system implementation; evaluation and optimization techniques. (PR: [IS 605](https://catalog.marshall.edu/search/?P=IS%20605))

**Pre-req:**[IS 605](https://catalog.marshall.edu/search/?P=IS%20605) or IS 605G.

New Catalog Desc: This course will cover the steps in developing enterprise IT policies, standards, guidelines and procedures while ensuring quality and compliance responsible for the design, implementation, and evaluation, and monitoring of a comprehensive system. Physical design of information systems; hardware selection; software design, database considerations; program development; software structuring techniques; cost/ performance trade-offs; system implementation; evaluation and optimization techniques. (PR: [MIS 605](https://catalog.marshall.edu/search/?P=IS%20605))

**Pre-req: M**[IS 605](https://catalog.marshall.edu/search/?P=IS%20605)

Credit Hours: 3

1. Change: Change of alpha-designator and catalog description

Department: MMIS

# / Title (old): IS 622 – **Emerging Tech in Information Systems**

# / Title (new): MIS 622 – **Emerging Tech in Information Systems**

Rationale: Change in College from College of Engineering and Computer Services to Lewis College of Business (LCOB)

Old Catalog Desc: This course will explore the emerging technologies in information systems. These technologies are generally new but include older technologies that are still controversial and relatively undeveloped in potential (PR: [IS 621](https://catalog.marshall.edu/search/?P=IS%20621)) A continuation of [IS 621](https://catalog.marshall.edu/search/?P=IS%20621). Tree, graph, and set structures; file structures for secondary storage; aspects of discrete mathematics. (PR: [IS 621](https://catalog.marshall.edu/search/?P=IS%20621))

**Pre-req:**[IS 621](https://catalog.marshall.edu/search/?P=IS%20621).

New Catalog Desc: This course will explore the emerging technologies in information systems. These technologies are generally new but include older technologies that are still controversial and relatively undeveloped in potential (PR: M[IS 621](https://catalog.marshall.edu/search/?P=IS%20621)) A continuation of M[IS 621](https://catalog.marshall.edu/search/?P=IS%20621). Tree, graph, and set structures; file structures for secondary storage; aspects of discrete mathematics. (PR: M[IS 621](https://catalog.marshall.edu/search/?P=IS%20621))

**Pre-req: M**[IS 621](https://catalog.marshall.edu/search/?P=IS%20621).

Credit Hours: 3

1. Change: Change of alpha-designator and catalog description

Department: MMIS

# / Title (old): IS 624 – Data Warehousing

# / Title (new): MIS 624 – Data Warehousing

Rationale: Change in College from College of Engineering and Computer Services to Lewis College of Business (LCOB)

Old Catalog Desc: A hand-on introduction to the concepts and techniques of data warehousing and data mining.

**Pre-req:**[IS 623](https://catalog.marshall.edu/search/?P=IS%20623).

New Catalog Desc: A hand-on introduction to the concepts and techniques of data warehousing and data mining. (PR: or instructor’s permission.

Credit Hours: 3

1. Change: Change of alpha-designator and catalog change

Department: MMIS

# / Title (old): IS 681 – Thesis

# / Title (new): MIS 681 – Thesis

Rationale: Change in College from College of Engineering and Computer Services to Lewis College of Business (LCOB)

Old Catalog Desc: Investigate a research problem of theoretical interest and practical value under mentorship of a information systems and computer science faculty.

New Catalog Desc: Investigate a research problem of theoretical interest and practical value under mentorship of a management information systems faculty.

Credit Hours: 3