INTERIOR DESIGN TECHNOLOGY
MISSISSIPPI CURRICULUM FRAMEWORK

Interior Designers - CIP: 50.0408 (Interior Design)

2018

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The Office of Curriculum and Instruction (OCI) was founded in 2013 under the Division of Workforce, Career, and Technical Education at the Mississippi Community College Board (MCCB). The office is funded through a partnership with The Mississippi Department of Education (MDE), who serves as Mississippi's fiscal agent for state and federal Career and Technical Education (CTE) Funds. The OCI is tasked with developing statewide CTE curriculum, programming, and professional development designed to meet the local and statewide economic demand.

For information, please contact curriculum@mccb.edu

Contents

NATIONAL CERTIFICATION

Autodesk Auto CAD® Certified User Exam

Autodesk AutoCAD® certification easier with a unique three-step pathway:

1. **LEARN** (or review) how to use Autodesk AutoCAD® with content-rich textbooks, online courseware, video resources, and more.
2. **PRACTICE** by using interactive exam-preparation tools and practice exams. Build the confidence you need to take the Autodesk AutoCAD® Certified User Exam.
3. **CERTIFY** and validate your skills by passing the exam and receiving your official certificate.

We've designed the Autodesk AutoCAD® Certified User program for those who are relatively new to the software and want to prove their basic proficiency. For advanced users, higher Associate and Professional certifications are available.

The Autodesk AutoCAD® Certified User Exam includes multiple-choice and performance-based questions. Following are some examples of software aspects covered in the exam:

- Creating, organizing, annotating, and plotting drawings
- Manipulating, altering, and hatching objects
- Working with layouts
- Dimensioning
- Working with reusable content
- Creating additional drawing objects

For more information please visit www.certiport.com.

Industry Job Projection Data

The Interior Designers require an Associate Degree. There is expected to be a 3.07% increase in occupational demand at the regional level and the state level and 1.20% increase at the national level. Median annual income for this occupation is $29,827.20 at the state level. A summary of occupational data from www.swib.ms.gov/DataCenter/ is displayed below:

Table 1: Education Level

Program Occupations	Education Level
INTERIOR DESIGNERS	ASSOCIATE DEGREE

Table 2: Occupational Overview

	Region	State	United States
2014 Occupational Jobs	228	228	45096
2024 Occupational Jobs	235	235	45637
Total Change	7	7	541
Total % Change	3.07%	3.07%	1.20%
2014 Median Hourly Earnings	$14.34	$14.34	$23.27
2014 Median Annual Earnings	$29,827.20	$29,827.20	$48,401.60
Annual Openings	0	0	54

Table 3: Occupational Breakdown

Description	2014 Jobs	2024 Jobs	Annual Openings	2014 Hourly Earnings	2014 Annual Earnings 2,080 Work Hours
INTERIOR DESIGNERS	228	235	0	$14.34	$29,827.20

Table 4: Occupational Change

Description	Regional Change	Regional % Change	State % Change	National % Change
INTERIOR DESIGNERS	7	3.07%	3.07%	1.20%

Articulation

There are currently no secondary Interior Design Technology program to articulate to this program of study.

Technical Skills Assessment

Colleges should report the following for students who complete the program with a career certificate, technical certificate, or an Associate of Applied Science Degrees for technical skills attainment. To use the approved Alternate Assessment for the following programs of study, colleges should provide a Letter of Notification to the Director of Career Technical Education at the MS Community College Board. Please see the following link for further instructions: http://www.mccb.edu/wkfEdu/CTDefault.aspx.

CIP Code	**Program of Study**	
50.0408	Interior Design Technology	
	Standard Assessment	**Alternate Assessment**
Technical/AAS	Autodesk Auto CAD® Certified User Exam	

Online And Blended Learning Opportunities

Course content includes lecture and laboratory semester credit hours. Faculty members are encouraged to present lecture related content to students in an online or blended learning environment. Training related to online and blended learning will be available to faculty members through the MS Community College Board.

Instructional Strategies

Instructional strategies for faculty members implementing the curriculum can be found through the Office of Curriculum and Instruction's professional development.

Assessment Strategies

The Office of Curriculum and Instruction's professional development offer assessment strategies to faculty members implementing the curriculum. Additionally, standards were included in course content when appropriate.

Research Abstract

In the fall of 2017, the Office of Curriculum and Instruction (OCI) met with the different industry members who made up the advisory committees for the Interior Design Technology program. An industry questionnaire was used to gather feedback concerning the trends and needs, both current and future, of their field. Program faculty, administrators, and industry members were consulted regarding industry workforce needs and trends.

Industry advisory team members from the college involved with this program were asked to give input related to changes to be made to the curriculum framework. Specific comments related to soft skills needed in this program include having a positive attitude, being at work every day and on time, and having reading and writing skills to complete work orders and other forms. Occupation-specific skills stated include knowing how to communicate with the customers, basic math skills, and troubleshooting with customer concerns.

Revision History

2013, Development of Program, Office of Curriculum and Instruction, Mississippi Community College Board
2018, Office of Curriculum and Instruction, Mississippi Community College Board

Program Description

Interior Design Technology is a program that prepares individuals to apply artistic principles and techniques to the professional planning, designing, equipping, and furnishing of residential and commercial interior spaces. The program includes instruction in computer applications, drafting, and graphic techniques in both residential and commercial environments.

Upon successful completion of the curriculum, the graduate may earn a Career Certificate, Technical Certificate or an Associate of Applied Science Degree (AAS) in Interior Design Technology.

SUGGESTED COURSE SEQUENCE

Accelerated Integrated Career Pathway

			SCH Breakdown			Program Certifications
Course Number	Course Name	Semester Credit Hours	Lecture	Lab	Total Contact Hours	
ENT 1313	Principles of CAD	3	2	2	60	
ENT 1513	Principles of Design	3	3	0	45	
	Technical Electives	9				
	Total	**15**				

Career Certificate Required Courses

			SCH Breakdown			Program Certifications
Course Number	Course Name	Semester Credit Hours	Lecture	Lab	Total Contact Hours	
ENT 1313	Principles of CAD	3	2	2	60	
ENT 1113	Graphic Communications	3	2	2	60	
ENT 1513	Principles of Design	3	3	0	45	
ENT 2533	Design Materials and Installation Methods	3	3	0	45	
ENT 2543	Visual Literacy in Design	3	2	2	60	
ENT 1323	Intermediate CAD	3	2	2	60	
ENT 2353	B.I.M/Parametric Modeling	3	2	2	60	
ENT 2563	Advanced Visual Literacy in Design	3	2	2	60	
	Technical Electives	6				
	TOTAL	**30**	**18**	**12**	**450**	

Technical Certificate Required Courses

			SCH Breakdown				Program Certifications
Course Number	Course Name	Semester Credit Hours	Lecture	Lab	Clinical	Total Contact Hours	
ENT 2643	Architectural Rendering	3	2	2	0	60	
ENT 2513	Visual Communication	3	2	2	0	60	
ENT 2572	Portfolio Development	2	2	0	0	30	
ENT 1593	Special Projects and Design	3	0	0	3	45	
	Technical Electives	4					
	Total	**15**	**6**	**4**	**3**	**195**	

General Education Core Courses

To receive the Associate of Applied Science Degree, a student must complete all of the required coursework and a minimum of 15 semester hours of General Education Core. The courses in the General Education Core may be spaced out over the entire length of the program so that students complete some academic and Career Technical courses each semester or provided primarily within the last semester. Each community college will specify the actual courses that are required to meet the General Education Core Requirements for the Associate of Applied Science Degree at their college. The Southern Association of Colleges and Schools (SACS) Commission on Colleges Standard 2.7.3 from the Principles of Accreditation: Foundations for Quality Enhancement[1] describes the general education core.

Section 2.7.3 In each undergraduate degree program, the institution requires the successful completion of a general education component at the collegiate level that (1) is substantial component of each undergraduate degree, (2) ensures breadth of knowledge, and (3) is based on a coherent rationale. For degree completion in associate programs, the component constitutes a minimum of 15 semester hours or the equivalent. These credit hours are to be drawn from and include at least one course from the following areas: humanities/fine arts, social/behavioral sciences, and natural science/mathematics. The courses do not narrowly focus on those skills, techniques, and procedures specific to a particular occupation or profession.

			SCH Breakdown			Program Certifications
Course Number	Course Name	Semester Credit Hours	Lecture	Lab	Total Contact Hours	
	Humanities/Fine Arts	3				
	Social/Behavioral Sciences	3				
	Math/Science	3				
	Other academic courses per local community college requirements for AAS degree	6				
	TOTAL	**15**				

[1] Southern Association of Colleges and Schools Commission on Colleges. (2012). *The principles of accreditation: Foundations for quality enhancement*. Retrieved from http://www.sacscoc.org/pdf/2012PrinciplesOfAcreditation.pdf

INTERIOR DESIGN COURSES

*Any course not listed as a required course may be used as an elective.

			SCH Breakdown				Program Certifications
Course Number	Course Name	Semester Credit Hours	Lecture	Lab	Clinical	Total Contact Hours	
ENT 1113	Graphic Communications	3	2	2	0	60	
ENT 1154	Basic Application of Industrial Safety	4	3	2	0	75	
ENT 1243	Building Codes and Construction Documents	3	2	2	0	60	
ENT 1313	Principles of CAD	3	2	2	0	60	
ENT 1323	Intermediate CAD	3	2	2	0	60	
ENT 1513	Principles of Design	3	3	0	0	45	
ENT 1593	Special Projects and Design	3	0	0	3	45	
ENT 2243	Cost Estimating	3	2	2	0	60	
ENT 2343	Advance CAD	3	2	2	0	60	
ENT 2353	BIM Parametric Modeling	3	2	2	0	60	
ENT 2513	Visual Communication in Design	3	2	2	0	60	
ENT 2523	Intermediate Design	3	2	2	0	60	
ENT 2533	Design Materials and Install Methods	3	3	0	0	45	
ENT 2543	Visual Literacy in Design	3	2	2	0	60	
ENT 2563	Advanced Visual Literacy in Design	3	2	2	0	60	
ENT 2572	Portfolio Development	2	2	0	0	30	
ENT 2643	Architectural Rendering	3	2	2	0	60	
ENT 2713	Architectural History	3	2	2	0	60	
	All other electives approved by instructor per local community college policy						

INTERIOR DESIGN TECHNOLOGY COURSE DESCRIPTIONS

Course Number and Name: **ENT 1113** **Graphic Communication**

Description: Fundamentals and principles of drafting to provide the basic background needed for all other engineering technology courses.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Discuss classroom procedures and drafting occupations.
   a. Describe proper classroom/lab procedures.
   b. Describe the various occupations in drafting and their requirements.

2. Explain and apply safety rules and regulations.
   a. Describe safety rules for drafting occupations.
   b. List and discuss hazardous materials found in the drafting area.

3. Apply proper techniques in technical drawings.
   a. Demonstrate the ability to scale drawings.
   b. Construct various angles.
   c. Recognize and construct the alphabet of lines.

4. Sketch and develop views of basic shapes.
   a. Develop a pictorial view from three principal views.
   b. Develop three principal views from a pictorial view.
   c. Complete three principal views when lines are missing.

5. Use geometric constructions.
   a. Construct tangent arcs and lines.
   b. Divide lines or arcs into equal and/or proportional parts.
   c. Develop geometric shapes.

6. Construct orthographic projections.
   a. Construct a top view, with front and right side views given.
   b. Construct a front view, with top and right side views given.
   c. Construct a right side view, with top and front views given.
   d. Develop a drawing consisting of three principal views.

7. Dimension objects.
   a. Recognize lines, symbols, features, and conventions used in dimensioning.
   b. Recognize and use size and location dimensions.
   c. Recognize and use general and local notes.
   d. Dimension a drawing using contour, chain, and baseline dimensioning.

8. Construct sectional views.
   a. Construct full and half sectional views.
   b. Recognize and construct removed, revolved, offset, and aligned sectional views.

Course Number and Name: **ENT 1154 Basic Applications of Industrial Safety**

Description: This course introduces the concepts of health and safety in engineering technology related fields. It aims to make the students safety-conscious in relation to personal safety, accident prevention, and methods of compliance.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
4	3	2	75

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Introduction to basic safety and related laws.
    a. Study various types of accidents.
    b. Rights and responsibilities of employees and employers.
    c. Learn concepts about OSHA and EPA regulations.
2. Introduction of the human element.
    a. Introduction to specific job Personal Protection Equipment (PPE).
    b. Study of ergonomics.
3. Hazard assessment, prevention, and control.
    a. Introduction to chemical safety.
    b. Introduction to tool safety.
    c. Introduction to machine safety.
    d. Introduction to electrical safety.
    e. Introduction to safe materials handling.
4. Management of safety and health.
    a. Introduction to electrical protection.
    b. Introduction to basic fire protection.
    c. Introduction to personal health protection.
5. Basic safe work practices.

Course Number and Name: **ENT 1243 Building Codes and Construction Documents**

Description: This course is designed to give the student introduction to building code compliance, the role of inspection in building construction, interpretation of construction plans, specifications, symbols, and terms used in the residential, commercial, and heavy construction industry.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Discuss and identify code compliance that influences building construction and design.
    a. Explore why building codes are necessary.
    b. Review international, federal and local building, zoning and specialty codes.
    c. Identify the permit process steps.
2. Review specifications and construction contracts.
    a. Research federal, local and trade association influence on specifications.
    b. Review specification organization.
    c. Identify construction contract components.
    d. Explore career opportunities in building contracting.
3. Discuss and identify the role of inspections in building construction.
    a. List the types of inspections required in a building.
    b. Identify the Code of Conduct required of an inspector.
    c. Explore career opportunities in building inspections.
4. Interpret construction prints.
    a. Read and interpret typical construction blueprints.
    b. Read and interpret symbols, layout, and organizations of plans.
    c. Identify terms as related to construction prints.

Course Number and Name: **ENT 1313 Principles of CAD**

Description: Basic operating system and drafting skills on CAD.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Manage the operating system.
   a. Examine the contents of storage devices.
   b. List, erase, rename, and copy files on storage devices.
   d. Examine, create, remove, and move files between folders and subfolders.
   e. Access information services (e.g., Internet, e-mail, and networks).
2. Use the basic hardware of the CAD system.
   a. Input data using keyboard and graphics tablet, or mouse.
   b. Access files and/or symbols from the hard disk.
   c. Store, retrieve, copy, and delete drawings and files.
3. Perform drafting functions on the CAD system.
   a. Construct single-view and multi-view drawings.
   b. Modify or edit an existing drawing.
   c. Modify the existing system variables.

Course Number and Name: **ENT 1323 Intermediate CAD**

Description: Continuation of Principles of CAD (ENT 1313). Subject areas include dimensioning, file manipulation, symbols and 3-D wireframe and solid modeling.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Dimension drawings by the use of CAD.
   a. Draw and dimension per industry standards.
   b. Apply dimensions using unidirectional and aligned systems of dimensions.
2. Manipulate data between files.
   a. Export drawing data/files.
   b. Import drawing data/files.
   c. Translate drawing data/files.
   d. Minimize file size.
   e. Utilize external reference files.
3. Develop a symbol library, and assign attributes.
   a. Assign visible and hidden values to blocks.
   b. Create/Edit attributes in blocks and dynamic blocks.
   c. Construct a template file for the collection of block attributes.
   d. Collect attribute values of a bill of materials.
4. Execute various plots using layouts (paper space).
   a. Create and manage view ports.
   b. Assign plotting scales to view ports.
5. Manage 3-D wireframe models.
   a. Create 3-D wireframe models.
   b. Manipulate 3-D wireframe models.
   c. Analyze 3-D wireframe models.

Course Number and Name: **ENT 1513 Principles of Design**

Description: An introduction to the field of interior design with emphasis on processes and resources of the designer.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Communicate the history of interior design profession to others.
2. Site professional organizations related to interior design.
3. Site career opportunities related to interior design.
4. Indicate workable definition of the responsibility, experiences, and educational needs of an interior designer.
5. Relate the management of resources to the interior design profession.
6. Identify elements and principles of design as seen in both residential and commercial applications.
7. Discuss the importance of social media to the design industry.

Course Number and Name: **ENT 2243 Cost Estimating**

Description: This course is designed to give the student preparation of material and labor quantity surveys from actual working drawings and specifications.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Prepare a cost estimate of an assigned building.
   a. Define the different types of estimates and specific purposes of each.
   b. Prepare estimates of various kinds of foundations.
   c. Estimate wall, ceiling, and roof frames.
   d. Estimate exterior and interior finishes.
   e. Estimate sub-contract items.
2. Discuss the best construction methods based on project requirements.
   a. List the different types of construction in residential and commercial buildings.
   b. Discuss the best method of construction in residential and commercial buildings.
3. Complete a materials list for a structure.
   a. Describe the procedures of doing a materials list.
   b. Explain the purposes for a materials list.
   c. Complete a materials form for a construction project.

Course Number and Name: **ENT 2343 Advanced CAD**

Description: A continuation of Intermediate CAD. Emphasis is placed on the user coordinate system and 3-D modeling.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
2	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Manage 3-D solid models.
    a. Create 3-D solid models.
    b. Manipulate 3-D solid models.
    c. Analyze 3-D solid models.
2. Manage the CAD system to improve productivity.
    a. Perform customization to improve productivity.
    b. Export data into computational software for manipulation.

Course Number and Name: **ENT 2353 B.I.M/Parametric Modeling**

Description: This course is designed to give the student a continuation of CAD. Emphasis is placed on the managing Building Informational Model.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Manage Building Information Model (B.I.M.).
    a. Create Building Information Model (B.I.M.).
    b. Manipulate Building Information Model (B.I.M.).
    c. Analyze Building Information Model (B.I.M.).
2. Manage the CAD system to improve productivity.
    a. Perform customization to improve productivity.
    b. Export data into computational software for manipulation.

Course Number and Name: **ENT 2513 Visual Communication in Design**

Description: An introduction to visual communication in interior design with emphasis on orthographic and free-hand drawing and visual design terminology.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Entry level designers should be effective communicators.
2. Professionalism and business practices
3. Entry level designers use ethical and accepted standards of practice, are committed to professional development in the industry, and understand the value of their contribution to the built environment.
4. Entry level interior designers apply the theories of two and three dimensional design and spatial definition and organization.
5. Entry level interior designers have knowledge of interior construction and building systems.

Course Number and Name: **ENT 2523 Intermediate Design**

Description: The exploration and application of design methodology to interior environments.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Show a basic knowledge and understanding of the design process to include programming, conceptualizing, problem solving, and evaluation.
2. Demonstrate the understanding of human factors to include ergonomics.
3. Develop an awareness of design for special concern, populations, and purposes.
4. Demonstrate a basic knowledge and understanding for space planning.
5. Demonstrate a basic knowledge of layout section, and specifications to include design, attributes of materials, lighting, furniture, textiles, and color.

Course Number and Name: **ENT 2533** **Design Materials and Install Methods**

Description: A study of architectural materials for interiors with an emphasis on selection, cost, installation, construction supervision, and code/standards requirements.

Hour Breakdown:

Semester Credit Hours	Lecture	Clinical	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. To enable students to identify the visual and physical characteristics properties and function of commonly utilized finish materials.
2. To provide an understanding of fabrication methods and implications in design installation, performance, maintenance, and cost.
3. Demonstrate the ability to field measure, estimate, and form a budget for an interior finish project.
4. To develop competency in reading, interpreting, and writing specifications for materials used in residential and commercial interiors.
5. To estimate materials using both imperial and metric measurements.
6. To select and validate finish and furniture choices for various design scenarios based on impact of human health and safety.
7. Apply a knowledge of building codes and standards and various testing procedures for interior finishes.
8. Demonstrate knowledge of appropriate installation methods for interior finish materials.

Course Number and Name: **ENT 2543 Visual Literacy in Design**

Description: An exploration of various communication methods in interior design through a variety of projects.

Hour Breakdown:

Semester Credit Hours	Lecture	Clinical	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. To demonstrate an understanding of the basic commands and components for computer aided drawing documents utilized in the interior design profession.
2. Use computer aided software to create a variety of working drawings for residential and/or commercial interior design projects including but not limited to floor plans, elevation, section, detail, lighting and electrical plans, and furniture plans.
3. Explore a variety of software programs utilized in the field of interior design for the formation of drawing, specifications, pictorial views, and presentation tools.
4. Demonstrate the capacity for plotting and printing various views and layouts of computer drawing documents and the production of presentation drawings.

Course Number and Name: **ENT 2563 Advanced Visual Literacy in Design**

Description: This course is an exploration of advanced graphic communication and modeling methods in interior design through a variety of projects.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Develop an understanding of advanced techniques and components for computer aided design and drafting standards specific to the interior design profession.
2. Utilize a range of digital and design media for the development and enhancement of residential and/or commercial interior design projects including, but not limited to, floor plans, elevations, sections, details, lighting & electrical plans, reflected ceiling plans, furnishing plans, equipment plans, and power & communication plans.
3. Explore a variety of software programs utilized in the field of interior design for the schematic planning and design development of interior design projects.
4. Investigate alternative representation methods for the enhancement of drawing conventions, specifications, pictorial views, three dimensional models, renderings and presentations.
5. Demonstrate the capacity for printing and plotting various views and layouts of computer drawing documents, and the production of interior presentation documents.

Course Number and Name: **ENT 2572 Portfolio Development**

Description: This course is an introduction to various portfolio techniques, documentation methods, and career planning for the interior design profession.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
2	2	0	30

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Utilize a range of digital and design media for the development and execution of a logo, working portfolio and professional resume.
2. Cultivate and establish contracts through professional organizations and opportunities.

Course Number and Name: **ENT 2643 Architectural Rending**

Description: Visual expression or architectural principles and structures. Perspective, shade, shadow and color using pencil, pen & ink, paint and new media.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Describe various methods and media available to architects.
   a. Describe types of paper and use for each.
   b. Describe various drawing styles.
   c. Identify methods for application of color and shade.
   d. Describe the method for computer rendering.
2. Demonstrate the ability to draw a rendered drawing of a simple architectural structure with entourage.
   a. Select the correct media for projects.
   b. Demonstrate the ability to use pencils, watercolors and the computer to draw, render and shade.
   c. Demonstrate the ability to use perspectives and utilize proper proportions in drawing compositions.

Course Number and Name: **ENT 2713 Architectural History**

Description: This course is designed to give the student analysis of achievements in the design and construction of major architectural developments from early times to present.

Hour Breakdown:

Semester Credit Hours	Lecture	Lab	Contact Hours
3	2	2	60

Prerequisite: Instructor Approved

Student Learning Outcomes:

1. Discuss architectural history through a survey of historical architectural developments and the effects of changing human needs on predominate architectural styles.
2. Explore the philosophy of architecture through many periods from the pragmatic approach of serving practical human needs to expressive idealism.
3. Investigate the relationship of available materials and the structural systems to the development of architectural styles.
    a. Create a multimedia presentation outlining architectural history.

APPENDIX A: RECOMMENDED TOOLS AND EQUIPMENT

Capitalized Items

1. Plotters
2. 3 D printers
3. I pad(1 per student)
4. Computer (1 per student)
5. Color printer (1 per class)
6. CAD software

Non-Capitalized Items

1. Laser Measurer
2. Fabric Samples
3. Flooring Samples
4. Hardware Samples
5. Mat cutter
6. Mat board (20 per year)
7. Mat cutter blades (5 per student)

RECOMMENDED INSTRUCTIONAL AIDS

It is recommended that instructors have access to the following items:

1. Copier
2. DVD player
3. Smartboard
4. Webcam
5. Pen Tablet
6. Ipad

APPENDIX B: CURRICULUM DEFINITIONS AND TERMS

- Course Name – A common name that will be used by all community colleges in reporting students

- Course Abbreviation – A common abbreviation that will be used by all community and junior colleges in reporting students

- Classification – Courses may be classified as the following:
    - Career Certificate Required Course – A required course for all students completing a career certificate.
    - Technical Certificate Required Course – A required course for all students completing a technical certificate.
    - Technical Elective – Elective courses that are available for colleges to offer to students.

- Description – A short narrative that includes the major purpose(s) of the course

- Prerequisites – A listing of any courses that must be taken prior to or on enrollment in the course

- Corequisites – A listing of courses that may be taken while enrolled in the course

- Student Learning Outcomes – A listing of the student outcomes (major concepts and performances) that will enable students to demonstrate mastery of these competencies

The following guidelines were used in developing the program(s) in this document and should be considered in compiling and revising course syllabi and daily lesson plans at the local level:

- The content of the courses in this document reflects approximately 75% of the time allocated to each course. The remaining 25% of each course should be developed at the local district level and may reflect the following:
    - Additional competencies and objectives within the course related to topics not found in the state framework, including activities related to specific needs of industries in the community college district
    - Activities that develop a higher level of mastery on the existing competencies and suggested objectives
    - Activities and instruction related to new technologies and concepts that were not prevalent at the time the current framework was developed or revised
    - Activities that include integration of academic and career–technical skills and course work, school-to-work transition activities, and articulation of secondary and postsecondary career–technical programs
    - Individualized learning activities, including work-site learning activities, to better prepare individuals in the courses for their chosen occupational areas

- Sequencing of the course within a program is left to the discretion of the local college. Naturally, foundation courses related to topics such as safety, tool and equipment usage, and other fundamental skills should be taught first. Other courses related to specific skill areas and related academics, however, may be sequenced to take advantage of seasonal and climatic conditions, resources located outside of the school, and other factors. Program must include a minimum of 15 semester hours of General Education Core Courses. The courses in the General Education Core may be spaced out over the entire length of the program so that students complete some academic and Career Technical courses each semester. Each community college specifies the actual courses that are required to meet the General Education Core Requirements for the Associate of Applied Science Degree at their college.

- In order to provide flexibility within the districts, individual courses within a framework may be customized by doing the following:

- Adding new student learning outcomes to complement the existing competencies and suggested objectives in the program framework
- Revising or extending the student learning outcomes
- Adjusting the semester credit hours of a course to be up 1 hour or down 1 hour (after informing the Mississippi Community College Board [MCCB] of the change)

APPENDIX C: RECOMMENDED TEXTBOOK LIST

Recommended Interior Design Text Book List CIP: 50.0408- Interior Design Technology		
Book Title	**Author (s)**	**ISBN**
Engineering Drawing & Design 7th	McGraw-Hill	978-07-352151-0
Occupational Safety and Health for Technologists, Engineers, and Managers 8th		13: 978-0133484175
AutoCAD 2016 Tutorial First Level: 2D		978-1-58503-960-9
AutoCAD 2016 Tutorial Second Level: 3D		9781585039609
Parametric Modeling with Autodesk Inventor 2016	Shih, Randy H.	978-1-58503-971-5
Drafting and Visual Presentation for Interior Designers	Cline, Lydia Sloan	978-0-13-506421-4
Drawing Shortcuts: Developing Quick Drawing Skills using Today's Technology		1111128138