

**CSST 1102 Intermediate Microcomputer Database**

Continuation of microcomputer database concepts by demonstrating multiple file/table capabilities using a QBE/SQL capable database. Includes linking multiple databases, extracting data from multiple files, designing custom input forms and reports.

(1 cr. hr.) (ASN). Prerequisite: CSST 1101 or equivalent. Credit cannot be earned for this course and the database modules (CSST 1101, 1102, 1103) and CSIT 2400.

**CSST 1103 Advanced Microcomputer Database**

Continuation of microcomputer database concepts by demonstrating programming concepts and capabilities using QBE/SQL capable database. Includes logical structures, scripts, and applications.

(1 cr. hr.) (ASN). Prerequisite: CSST 1102. Credit cannot be earned for this course and the database modules (CSST 1101, 1102, 1103) and CSIT 2400.

**CSST 1161 Introduction to the Internet**

Introduction to the Data Communications Super Highway (Internet). Methods of connecting to the Internet, searching the Internet for information, and communicating with other users.

(1 cr. hr.) (Fall, Spring). (Lecture/Laboratory)

**CSST 1171 Local Area Networks Management**

Data work group concepts, software installation and tuning, system architecture, configuration and documentation, resource management, security and disaster recovery, performance and accounting.

(1 cr. hr.) (ASN). Prerequisite: CSIT 1151.

**CSST 1600 Visual Basic for Non-Computer Majors**

An introduction for students with little or no programming background. Topics include the Visual Basic environment, properties, controls, and programming procedures and structures.

(3 cr. hrs.) (Fall, Spring). Lecture/laboratory. Students cannot receive credit for this course and CSCS 2210.

**CSWT 1041 Introduction to Web Pages**

Web page design techniques using HTML and prepackaged applications. Presents skills necessary to build and manage professional web pages using different browser and computing platforms, typography, color selection and navigation.

(1 cr. hr.) (Fall/Spring). Prerequisite: CSST 1161 or instructor consent. Lecture/laboratory.

**CSWT 1051 Interactive Web Technologies**

Experience developing animated and interactive web-based multimedia. Learn basic drawing and animating tools using Flash, and work with layers, libraries, scenes, symbols, and effects. The class is designed for students interested in digital media and web development.

(1 cr. hr.) (ASN). Prerequisite: CSST 1031 or instructor consent.

**CSWT 1200 Web Site Development Fundamentals**

Web page development techniques using HTML, XHTML, and web site authoring software. Presents skills necessary to build, deploy, and manage professional web pages. Topics include basic tags and more advanced features while emphasizing accessibility, compatibility, security, and emerging Internet trends.

(3 cr. hrs.) (Fall/Spring). Prerequisite: Be taking or have taken CSST 1031. Lecture/laboratory.

**CSWT 2610 Client-Web Programming**

Involves hands-on experience with common uses of JavaScript in commercial web sites, including but not limited to: form validation, web applications, and Dynamic HTML. Focus is on the DOM (Document Object Model), and also covers the evolving standards with XML and the integration of XML Style sheets with JavaScript to create robust, complex web applications.

(3 cr. hrs.) (Fall). Prerequisites: CSWT 1200 and taking or have taken ARTS 2550. Lecture/laboratory.

**CSWT 2620 Server-Web Programming**

Database connectivity and other areas related to the construction of commerce-related database driven web sites are the primary focus. Behind the scenes aspects of web programming. Hands-on experience with today's popular programming languages on the web, emphasis on the HTML-embedded scripting languages PHP (Perl-like in syntax) and ASP (VBScript.) Mod-Perl, JSP, Coldfusion, and other common languages also discussed.

(3 cr. hrs.) (Spring) Prerequisite: CSWT 2610. Lecture/laboratory.

**ECED Early Childhood**

Division of Social Sciences & Social Services  
Faculty: Julie Dick, Catherine McLaughlin



**ECED 1110 Introduction to Early Childhood Education**

Survey of early childhood education theories and principles and the alternative settings available for the care and education of young children. Emphasis on defining program quality as it pertains to developmentally appropriate care and other characteristics of the child care environment.  
(3 cr. hrs.) (Fall). *Lecture/projects/field assignments and/or observations.*

**ECED 1120 Observing and Recording the Behavior of Young Children**

An introduction to methods of making behavioral records of young children, both as clinical tools in a “helping” relationship and as guides for curriculum planning of teachers.  
(3 cr. hrs.) (Fall, Spring). *Lecture/projects/field observations. Shelf-life Alert! Course may not be used for Child Development Associate Credential if more than five years have passed since course was taken. Lecture/projects/field assignments and/or observations.*

**ECED 1130 The Infant & Toddler: Development & Practice**

The complex process of development in the human infant from conception to three years of age. Physical, social, cognitive, and emotional areas with suggestions for activities to promote optimal infant development.  
(3 cr. hrs.) (Fall, Spring). *Shelf-life Alert! Course may not be used for Child Development Associate Credential if more than five years have passed since course was taken. Lecture/projects/field assignments and/or observations.*

**ECED 1140 Methods & Materials in Early Childhood Education**

An introduction to activities suitable for young children and to ways of using activities to foster physical, emotional, intellectual, and social growth. Lesson planning is taught and practiced.  
(3 cr. hrs.) (Fall, Spring). *Lecture/projects/field observations. Shelf-life Alert! Course may not be used for Child Development Associate Credential if more than five years have passed since course was taken. Lecture/projects/field assignments and/or observations.*

**ECED 1150 Families, Schools, Communities: A Partnership**

Explores the need for and skills necessary for a partnership between parents, human service workers, and educators. Teaches skills of effective listening, confrontation, problem solving, modification of the environment, and values clarification.  
(3 cr. hrs.) (Fall, Spring). *Lecture/projects/field assignments and/or observations.*

**ECED 1503 Mentoring in Education**

Prepares educators with high levels of knowledge, skills and experience to mentor educators who have identified a learning need. Principles of adult development, leadership, positive communication, evaluation, team-building, and the dynamics of mentoring relationships.  
(3 cr. hrs.) (ASN)

**ECED 1524 Language Development and Children**

An overview of Language Development Guidelines—birth through school age years. Normal development guidelines of speech and language and important effects of language development on the mastery of reading, spelling, writing and school subjects. For those who work with a pre-school age population.  
(3 cr. hrs.) (Fall, Spring). *Lecture/projects/field assignments and/or observations.*

**ECED 2960 Field Experience - Early Childhood**

Demonstration of competencies learned, written documentation and participation in an early education seminar.  
(6 cr. hrs.) (Fall/Spring). *Prerequisites: A grade of C or higher in ECED 1120 and either ECED 1130 or 1140, and instructor’s consent. Practical experience through a minimum of 225 hours of supervised work. (Students who are employed in a state-approved early childhood education setting have the option of applying for CDA assessment if preparation is completed within six months of application.)*

**ECON Economics**

*Division of Business Administration and Computing Faculty: Peter Bacalles, Robert Kephart II*

Economics is a Social Science that also meets certain business program requirements.