

**University of Tennessee,
Chattanooga****2025-2026 Undergraduate Catalog****Course Descriptions**[Contract All Courses](#) |

Courses certified as satisfying General Education Requirements are identified in the course title with a two letter category abbreviation. General Education categories are listed below.

[Writing and Communication \(WC\)](#) [Humanities and Fine Arts \(HF\)](#) [Natural Science \(LL, LC & LB, NL\)](#)

[Behavioral and Social Science \(SB\)](#) [Quantitative Reasoning \(QR\)](#) [Individual and Global Citizenship \(CZ\)](#)

Early Childhood**ECHD 3600 - Differentiation in Developmentally Appropriate Math, Science, Social Studies, & Creative Arts**

(3) Credit Hours

This course addresses the main instructional elements of planning, implementation, and evaluation in math, science, social studies, and creative arts curriculum for young children (6 weeks through 4-year-olds). Providing the necessary inclusive learning environment requires teacher candidates' abilities to adapt and modify curriculum for the cultural, physical, visual, linguistic, and intellectual differences of young children. The TN-ELDS, NAEYC, CEC, and DEC standards provide the foundation for early childhood educators to prepare, deliver, and evaluate effective instruction. Fall and Spring semesters. Lecture 3 hours. Prerequisites: Checkpoint 2 or Department Head approval. Laboratory/studio course fee will be assessed.

ECHD 3610 - Family Stress

(3) Credit Hours

This course provides a detailed look at both stress and resilience at the family level of analysis. We examine a variety of potential stressors that individuals and families may encounter across the lifespan, as well as the ways in which history, perceptions, resources, and broader societal and political contexts influence how families manage these stressors. Communication and conflict management will also be explored. Fall semester. Lecture 3 hours.

ECHD 3650 - Poverty and Asset Building

(3) Credit Hours

This course addresses the unique characteristics of poverty and the mindsets of economic classes. An exploration of how poverty impacts learning, work habits and decision making is central to this course. Additionally, the 40 developmental assets, identified as the building blocks of healthy development by the Search Institute, will be explored. Fall semester.

ECHD 3750 - Ethics in Family and Child Studies

(3) Credit Hours

Ethical guidelines and other standards for professionals working with children and families. Examination and analysis of contemporary issues relating to families from ethical and social justice perspectives. Development of a code of ethics for family professionals. Lecture 3 hours.

ECHD 3999R - Group Studies

(1-9) Credit Hours

On demand. Prerequisites: Department Head approval. Department may have additional prerequisite requirements.

ECHD 4000 - Group Studies: Hospitalized Child

(3) Credit Hours

This course will build on the foundation presented in Introduction to Child Life. This course will examine the theoretical basis of the psychosocial care of children, adolescents, and families in the health care setting. This course will also discuss the etiology of childhood illness and disease, clinical procedures, communication techniques, and research literature are studied from a developmental perspective. Prerequisites: 3.0 GPA required and [ECHD 2000](#) or Department Head approval.

ECHD 4050R - Child and Family Practicum

(3-6) Credit Hours

Directed field experience in a selected and approved professional community institution, agency, or business establishment serving families, children or adults. The practicum will include three or more meetings with the faculty supervisor as well as weekly communication via email and by phone. Maximum credit: 6 hours. Every semester. Senior status in Child and Family Studies programs or Department Head approval.

ECHD 4400 - Studies in Gerontology

(3) Credit Hours

This course will address issues faced by senior adults. The course will provide information on dealing with those issues and how to resolve them in order to support a rich quality of life for senior adults and their families.

ECHD 4460 - Strategies for Assessing Young Children

(3) Credit Hours

Designed to provide an overview of assessment rationale and experiences in administrating a variety of assessments from informal to formal. Field component required. Fall semester. Prerequisites: Checkpoint 1 or Department Head approval. Laboratory/studio course fee will be assessed.

ECHD 4480 - Family Resource Management

(3) Credit Hours

A study of the managerial functions involved in individual and family systems. The course will include budgeting and financial planning, housing, insurance, credit, savings, decision making, time and stress management, retirement, environmental resources, and taxes.

ECHD 4600 - Parenting Issues and Education

(3) Credit Hours

This course will examine contemporary issues in parenting, the different approaches to parenting, parenting children at each developmental period. Additionally, effective resource materials for parent education, parents, and parent education programs will be explored. Spring semester.

ECHD 4995R - Departmental Thesis

(1-3) Credit Hours

A two-semester research or creative project resulting in a thesis under the supervision of a faculty member and with the approval of the Honors College. On demand. Prerequisites: Student must coordinate with Honors College to submit a Thesis Contract to get registered for this course. Restricted to Sophomore standing or higher.

ECHD 4997R - Research

(1-9) Credit Hours

Enables students to conduct independent research. On demand. Prerequisites: Student must coordinate with a specific faculty member to complete the Research contract to get registered for the course. Restricted to Sophomore standing or higher.

ECHD 4998R - Individual Studies

(1-9) Credit Hours

Enables students to study selected topics in depth. On demand. Prerequisites: Student must coordinate with a specific faculty member to complete the Individual Studies contract to get registered for the course. Restricted to Sophomore standing or higher.

ECHD 4999R - Group Studies

(1-9) Credit Hours

Department may have additional prerequisite requirements. On demand.

Economics

ECON 1000 - The Economics of Global Issues (CZ)

(3) Credit Hours

We will try to gain a better understanding of global and national issues faced by individuals and society, by looking at past as well as current events and debates that have been shaping our future. Why do some economies grow, while others stagnate? Can wealth and fairness coexist? How and why do markets work and when do they occasionally fail? What can we do about climate change? We will also try to understand, appreciate, but also be critical of the regulatory work of governments, both here and abroad. The purpose of this course is to expose students to various ideas and debates in our quest to make sense of these difficult and open-ended questions confronting humankind. Fall and Spring semesters. Differential course fee will be assessed.

General Education Category: Individual and Global Citizenship

ECON 1010 - Principles of Economics: Macroeconomics (SB)

(3) Credit Hours

A study of national income and its determination, money and banking, economic fluctuations, fiscal and monetary policy, economic growth, and international economics. An introduction to the study of human behavior and the human condition in the context of macroeconomic forces. ECON 1010 and [ECON 1020](#)

can be taken in either order. Prerequisites: [MATH 1010](#)

or [MATH 1130](#)

or [MATH 1710](#)

or [MATH 1720](#)

or [MATH 1830](#)

or MATH 1910 or [MATH 1950](#)

or ACT Math 19 or Department Head approval. Differential course fee will be assessed.

General Education Category: Behavioral and Social Science.

ECON 1020 - Principles of Economics: Microeconomics (SB)

(3) Credit Hours

A study of the market system, the price system, forms of business organization, government and business, labor and distribution. An introduction to the study of human behavior and the human condition in the context of microeconomic forces. [ECON 1010](#)

and ECON 1020 can be taken in either order. Prerequisites: [MATH 1010](#)

or [MATH 1130](#)

or [MATH 1710](#)

or [MATH 1720](#)

or [MATH 1830](#)

or MATH 1910 or [MATH 1950](#)

or ACT Math 19 or Department Head approval. Differential course fee will be assessed.

General Education Category: Behavioral and Social Science.

ECON 1999R - Special Projects

(1-9) Credit Hours

Individual and group projects. Maximum credit 3 hours. On demand. Prerequisites: Department Head approval. Differential course fee will be assessed.

ECON 2999R - Group Studies

(1-9) Credit Hours

On demand. Prerequisites: Department Head approval. Department may have additional prerequisite requirements. Differential course fee will be assessed.

ECON 3010 - Money and Banking

(3) Credit Hours

How are interest rates determined? What determines the supply of money and the exchange rate? How do changes in monetary and fiscal policies affect economic activity? This course attempts to answer these questions as well as provide a comprehensive analysis of the development, structure, and functions of American central banking and commercial banking. Fall semester. Prerequisites: [ECON 1010](#)

with minimum grades of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 3060 - Public Finance

(3) Credit Hours

This course studies the role of government in an economy, providing a framework for evaluating government policies. Topics include taxation, government expenditures, budget deficits, market failures, and public goods provision. Why and how do governments intervene in the economy? How do government spending programs affect the labor supply? How does the current tax system affect the behavior of citizens? In this course, we seek to answer these and other questions and use the tools of economics in discussing a range of issues in public finance with a focus on current policy debates. Fall semester. Prerequisites: [ECON 1010](#)
or [ECON 1020](#)

with minimum grade of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 3170 - Labor Economics

(3) Credit Hours

This course introduces students to the study of modern labor economics and issues concerning supply of and demand for labor, the historical development of labor institutions, and contemporary problems of unemployment, wage determination and income distribution. Students will also become familiar with several theories of labor, and what implications they have for workers, firms, and society. On demand. Prerequisites: [ECON 1010](#)
OR [ECON 1020](#)

with minimum grades of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 3240 - Intermediate Microeconomic Theory

(3) Credit Hours

Survey of developments in economic analysis; price determination, including considerable study of demand and cost theory; imperfect competition. Fall semester. Prerequisites: [ECON 1010](#)
and [ECON 1020](#)

with minimum grades of C, [MATH 1130](#)

or [MATH 1830](#)

or [MATH 1950](#)

with minimum grade of C, or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 3250 - Intermediate Macroeconomic Theory

(3) Credit Hours

Introduction to contemporary theory of income and employment; emphasis on the essential principles and concepts used in the determination of the level of income and employment, the rate of economic growth, and the general price level. Spring semester. Prerequisites: [ECON 1010](#) and [ECON 1020](#) with minimum grades of C, [MATH 1130](#) or [MATH 1830](#) or [MATH 1950](#) with minimum grade of C, or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 3270 - Economics of Gender, Race and Inequality

(3) Credit Hours

This course will explore how inequality is measured in society, its primary economic drivers, and its ultimate consequences. Outcome differences in variables such as education, employment, income, and wealth, will be measured across gender, race, nationality, and sexual orientation. How individual's choices, constraints, and subjected discrimination can affect their economic outcomes will be analyzed. The effectiveness of both market and public policy approaches at eliminating inequality, such as anti-discrimination laws, taxes and redistribution, and investment policies are assessed. On demand. Lecture 3 hours. Prerequisites: [ECON 1020](#) with a minimum grade of C or Department Head approval. Junior standing. May be registered as [WGSS 3270](#). Credit not allowed in both ECON 3270 and [WGSS 3270](#). Differential course fee will be assessed.

ECON 3400 - Economic Analysis of Public Choice

(3) Credit Hours

The course provides a survey of economic analysis of politics, also known as public choice theory, political economy, or rational choice theory. The goal of the course is to provide the student with a general framework within which public sector policies and decisions can be evaluated. This framework applies the theoretical lens of economics to examine the behavior of voters, politicians, bureaucrats, and interest groups under various institutional arrangements. It introduces students to basic concepts and debates in public choice, including the logic of collective action, the Median Voter Model, information, bargaining, competition, constitutions, expressive voting, voter irrationality, behavioral political economy, dictatorship, and anarchy. Conceptual, theoretical, and empirical evidence will be examined throughout. On demand. Prerequisites: [ECON 1020](#)

with a minimum grade of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 3600 - Introduction to Econometrics

(3) Credit Hours

An introduction to data and regression analysis to answer research questions in the field of economics, other social sciences, and business. Recommended for students from all majors with interest in data analysis and empirical research. Fall semester. Prerequisites: [ECON 1010](#) or [ECON 1020](#)

with minimum grades of C, and [ENCE 2220](#)

or [MATH 2100](#)

or [MATH 3100](#)

or [MATH 4140](#)

or [DATA 2130](#)

or [PSY 2010](#)

with a minimum grade of C, and [MATH 1130](#)

or [MATH 1830](#)

or [MATH 1950](#)

with minimum grades of C; or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 3900R - Experiential Learning: Academic Internship Program

(3) Credit Hours

A supervised work experience designed to reinforce and enhance the student's academic education and strengthen the student's competencies and fundamental knowledge in Economics. Application process required. Minimum GPA and previous coursework will be evaluated prior to approval. A maximum of three credit hours can be earned through one internship position. A maximum of six credit hours can be earned in [ACC 3900R](#)

[/DATA 3900R](#)

[/ECON 3900R/ETR 3900R](#)

[/FIN 3900R](#)

[/MGT 3900R](#)

[/MKT 3900R](#)

per student through the College of Business with no more than three hours earned per semester. Only three credit hours can be applied to Economics Degree. Every semester. Prerequisites: [ECON 3240](#)

or [ECON 3250](#)

, one additional ECON course at the 3000/4000 level, and approval of internship coordinator. Junior standing. Open to business majors only. Differential course fee will be assessed. Satisfactory/No Credit.

ECON 3999R - Group Studies

(1-9) Credit Hours

On demand. Prerequisites: Department Head approval. Department may have additional prerequisite requirements. Differential course fee will be assessed.

ECON 4040 - International Economics

(3) Credit Hours

The classical and modern theories of international trade; international trade accounting; exchange rates; tariffs and other restrictions on trade; recently created agencies and programs to promote international economic relationships; the influence of international economic relationships on world politics. Spring semester. Prerequisites: [ECON 1010](#) and [ECON 1020](#)

with minimum grades of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4250 - Industrial Organization

(3) Credit Hours

The structure of industry, business conduct, and economic performance; analysis of antitrust law and government regulation. On demand. Prerequisites: [ECON 1010](#) and [ECON 1020](#) with minimum grades of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4280 - Sports Economics

(3) Credit Hours

Using the world of professional and amateur sports, this class will examine profit strategies, labor disputes and issues of public finance. We will examine questions such as: should cities support a tax-payer funded sports arena? Should college athletes be paid a salary? Should a team pursue a win-maximizing or profit-maximizing strategy when drafting players? On demand. Prerequisites: [ECON 1020](#) with a minimum grade of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4290 - Managerial Economics

(3) Credit Hours

This course involves the application of economic methods in the managerial decision-making process. Do the people in your organization have the incentives to make the right choices? Are their goals aligned with the overarching objective of creating value? What is the optimal quantity of a good or service that a business should produce? How should a business price a good or service? This course will teach you how to solve real-world business problems and avoid common errors. Spring semester. Prerequisites: [ECON 1010](#) or [ECON 1020](#) with minimum grades of C, [DATA 1000](#) or [CPSC 1000](#) with a minimum grade of C, or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4300 - Environmental Economics

(3) Credit Hours

Does capitalism harm our planet? Can we put a price on nature? What can policymakers do to restore economic and environmental sustainability? This course will study the link between economic activity and nature before venturing into environmental policy planning. Topics include measurement of costs and benefits, property rights and externalities, pollution control, and current and future environmental policy and regulations. On demand. Prerequisites: [ECON 1010](#) or [ECON 1020](#) with minimum grades of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4370 - Health Care Economics

(3) Credit Hours

Health economics aims to understand the behavior of individuals, health care providers, public and private organizations, and governments in decision-making related to health and healthcare. Why does per capita spending on

healthcare in the U.S. significantly exceed that of all other advanced economies? Why are prescription drug prices so high in the U.S.? Why does inequality in accessing healthcare persist in the U.S.? This course will evaluate these and other issues impacting stakeholders in the healthcare industry including individuals, doctors, insurance providers, employers and governments in the context of healthcare systems in the U.S. and abroad. Fall semester. Prerequisites: [ECON 1020](#)

with a minimum grade of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4400 - Economic Growth

(3) Credit Hours

An introductory survey of modern theories of economic growth and of the empirical applications of such theories. Topics include the neoclassical growth model, new growth theory and the role of economic institutions and government policy in facilitating growth. This course will examine the factors that affect long-term economic growth and development. This course will span both theoretical and empirical approaches to economic growth. On demand. Prerequisites: [ECON 1010](#) and [ECON 1020](#)

with minimum grades of C and [MATH 1010](#)

or higher, or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4440 - Economic Development

(3) Credit Hours

Factors underlying economic progress of nations and geographic areas; analysis of resources, manufacturing and agricultural productivity, saving and investment, trade, monetary and banking system, and fiscal system. On demand. Prerequisites: [ECON 1010](#)

and [ECON 1020](#)

with minimum grades of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4530 - History of Economic Thought

(3) Credit Hours

To what extent is current economic theory based on the accumulated historical inquiry of previous economists? The history of economic thought is the study of philosophies of different thinkers and theories throughout history in subjects that later became economics. Students will learn how great thinkers of past grappled with some of the central social and economic issues of their times and, in the process, enhanced our understanding of how economic systems function. This course examines major themes that have preoccupied economic thinkers throughout history including value and distribution, price determination and the principles of a competitive market system, monetary theory and banking, international trade, income distribution, business cycle theory, and the appropriate role for government in an economy. Spring semester. Prerequisites: [ECON 1010](#)

or [ECON 1020](#)

with minimum grades of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4550 - Urban Economics

(3) Credit Hours

Why do some cities thrive and fail at different points in time? What are the causes and effects of spatial segregation within cities? To what extent is urban growth in the region a by-product of national economic development? What are the limits of equitable development amid fast urban growth? These and other issues impacting stakeholders in the private and public sectors of the metropolitan economy will be evaluated. Topics include industry location, urban residential location and travel behavior, the urban ghetto, housing markets, urban transportation, and environmental quality. Spring semester. Prerequisites: [ECON 1010](#)

or [ECON 1020](#)

with minimum grades of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4660 - Economics of Regulation and Anti-Trust

(3) Credit Hours

Analysis of government policies to alter or maintain market structures and the economic implications of these policies. Topics include anti-trust legislation and cases, economic regulation of natural monopolies, mergers, price discrimination, collusion, oligopoly, and anti-competitive practices. Prerequisites: [ECON 1010](#) and [ECON 1020](#)

with minimum grades of C or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4670 - Game Theory

(3) Credit Hours

This course is an introductory survey of the main ideas and techniques of game-theoretic analysis related to bargaining, conflict, and negotiation. The goal of the course is to provide students with a foundation to apply game-theoretic analysis to negotiation and bargaining situations. The course will emphasize the use of real world examples. On demand.

Prerequisites: [ECON 1010](#)

and [ECON 1020](#)

with minimum grades of C, [MATH 1830](#)

or [MATH 1950](#)

, or Department Head approval. Junior standing. Differential course fee will be assessed.

ECON 4900 - Senior Economics Capstone

(3) Credit Hours

This capstone course in economics is designed to aid students in applying their training in economics theory to applied economic research. Different scenarios, cases and projects will help students develop a comprehensive and integrative understanding of their major and demonstrate advanced critical thinking and research skills. Students will be tasked with identifying sources and available data, as well as presenting their findings through statistics, figures, and writing styles. The course will challenge students to produce well formulated, thoroughly supported, and professionally written reports such as impact assessments, policy memos, or consultation findings. Both written and oral presentations are required. Students should plan to take this capstone course in the last semester of their degree program. Spring semester. Prerequisites: 12 hours of upper-level Economics courses including [ECON 3240](#)

and [ECON 3250](#)

or Department Head approval. Senior standing. Differential course fee will be assessed.

ECON 4995R - Departmental Thesis

(1-3) Credit Hours

A two-semester research or creative project resulting in a thesis under the supervision of a faculty member and with the approval of the Honors College. On demand. Prerequisites: Student must coordinate with Honors College to submit a Thesis Contract to get registered for this course. Restricted to Sophomore standing or higher. Differential course fee will be assessed.

ECON 4997R - Research

(1-9) Credit Hours

Enables students to conduct independent research. On demand. Prerequisites: Student must coordinate with a specific faculty member to complete the Research contract to get registered for the course. Restricted to Sophomore standing or higher. Differential course fee will be assessed.

ECON 4998R - Individual Studies

(1-9) Credit Hours

Enables students to study selected topics in depth. On demand. Prerequisites: Student must coordinate with a specific faculty member to complete the Individual Studies contract to get registered for the course. Restricted to Sophomore standing or higher. Differential course fee will be assessed.

ECON 4999R - Group Studies

(1-9) Credit Hours

Department may have additional prerequisite requirements. On demand. Differential course fee will be assessed.

Education

EDUC 1250 - The First Year Experience in Education

(1) Credit Hours

An introduction to the college experience for first-year students at UTC and the aspects needed for a successful transition from high school to college. This includes an introduction to the department, successful learning techniques for education, and expectations for academic success. Elective available to students with fewer than 30 earned hours. Recommended during the initial semester for students who enter UTC with fewer than 15 hours. Students enrolled in this course will earn one hour of graded, elective credit. Fall semester. Lecture 1 hour. Open to freshmen.

EDUC 1999R - Special Projects

(1-9) Credit Hours

Individual or group projects. Maximum credit 4 hours. On demand. Prerequisites: Department Head approval.

EDUC 2000R - Investigations of the School in Society

(3) Credit Hours

Organization and education policies impacting public education in today's schools in the United States. The impact of social factors and current trends and laws. Fall and Spring semesters.

EDUC 2010 - Education in the United States

(3) Credit Hours

This course is the introduction and gateway course to the Teacher Education Program (TEP) with multiple out of class requirements. The components of the course will address contemporary issues and historical development of education in the United States. The following topics will be included (but not limited to) instructional technology and technology integration, teacher evaluations, state summative assessments, dispositions, edTPA, lesson planning and meeting the needs of all students through RTI2. Field component required. Every semester.

EDUC 2040R - CTE Portfolio Course

(1) Credit Hours

A 1 hour course starting the first semester of the first year as Teacher of Record (TOR) in the CTE program gives new CTE teachers opportunities to begin earning credit for duties/professional responsibilities related to their program course work. The portfolio would serve as the capstone project for the program and a key component of the overall program assessment. The collection of learning outcome evidences would align with InTASC and Literacy Standards. This course is for new CTE TORs to become familiar with and begin building CTE Digital Professional Portfolio and provide documentation of job-embedded duties to align with InTASC and Literacy standards, as well as provide documentation for the learning outcomes of the program requirements for licensure. Every semester. Open to CTE students completing the Occupational licensure program only.

EDUC 2050 - CTE Occupational Program Course

(3) Credit Hours

This course will address fundamental educational concepts including instructional strategies, modification/accommodations, lesson planning, classroom management and organization and implementation of technology. This course will provide the foundation needed to design lessons that focus on individual students. Instructional strategies, classroom management techniques, engaging students, lesson planning and integration of technology would be the general focus of the course. The course content would support the beginning CTE teacher as he/she leads instruction as a first-year teacher. The course will focus on managing the modern CTE classroom emphasizing the diverse CTE student population, common classroom management practices in the 21st Century CTE

classroom, common instructional strategies for the CTE classroom, understanding and inclusion of the exceptional learner in the CTE classroom, dispositions, ethics, and professionalism for the CTE Instructor, Technology Integration into the CTE classroom and common technology uses in the modern CTE classroom will be modeled and integrated into the delivery of the course. Open to CTE students completing the Occupational licensure program only.

EDUC 2090 - Introduction to Early Childhood/Early Childhood Special Education

(2) Credit Hours

This course provides an in-depth consideration of the historical, philosophical, and legal foundations of early intervention, and early childhood education for children with and without exceptional needs. Focus is on current issues and practices in EC/ECSE. Fall and Spring semesters. Prerequisites: ECHD 2430 or Department Head approval.

EDUC 2100 - Strategies for Early Learners

(3) Credit Hours

Planning, implementing, and evaluating effective learning experiences for children from birth through kindergarten. Emphasis on integrated curriculum and developmentally appropriate practice. Field component required. Spring semester. Corequisites: EDUC 2100L or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 2150 - Methods in Early Intervention and Early Childhood Special Education

(3) Credit Hours

This course prepares students to serve children (birth through age 8) who have disabilities or are at risk in inclusive classrooms and natural environments. Methods, adaptations, and materials used in developmentally appropriate special education and early intervention are examined. Activity-, routines-, and play-based approaches, and family-centered transdisciplinary team work are emphasized. Fall semester. Prerequisites: Checkpoint 1 or Department Head approval.

EDUC 2170 - Technology and Learning

(1) Credit Hours

This course teaches, through experimentation and experience, how to increase student learning through increased student engagement by integrating technology into your classroom. Projects will be individually geared to the needs of the audience. Field component required. Fall and Spring semesters.

EDUC 2200 - Survey of Exceptional Learners

(3) Credit Hours

An overview of exceptional children and youth and the philosophy of inclusion. Emphasis on individual differences among students with particular attention to students with special needs. The interrelated roles of general and special educators and related professionals in adapting instruction to meet special needs will be addressed.

EDUC 2420 - Adolescent Development

(3) Credit Hours

Consideration of adolescent developmental, cognitive, social theories and application for teaching. Understanding of peer culture/subcultures and effects of breakdown of social support systems. Every semester.

EDUC 2999R - Group Studies

(1-9) Credit Hours

On demand. Prerequisites: Department Head approval. Department may have additional prerequisite requirements.

EDUC 3000 - Investigations of the School in Society

(3) Credit Hours

Observations and simulations involving the school as a social institution and the role of the teacher in preparation for instruction. Field component required. Lecture 3 hours.

EDUC 3050 - CTE Teaching and Assessment

(3) Credit Hours

The course would provide candidates more advanced instruction in designing effective CTE instruction and more advanced assessment strategies for the CTE student. The course will emphasize designing effective instruction & assessment for a diverse student population in the CTE classroom, Effective Instructional Strategies for the modern diverse CTE classroom, key topics for making the diverse CTE classroom a preparation feeder program to a professional career technical college certificate endorsement earning program, advanced strategies for managing the CTE classroom. Discipline specific technology integration in the modern CTE classroom. Open to CTE students completing the Occupational licensure program only.

EDUC 3090 - Young Exceptional Learners: Characteristics and Needs

(3) Credit Hours

An in-depth study of the characteristics and needs of young children with special needs. Mild, moderate, and severe and/or multiple disabilities; biological and environmental at-risk factors; and early intervention and prevention will be

examined. The needs of gifted and children learning English as a second language will also be included. Field placement required. Spring semester. Prerequisites: Checkpoint 1 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3130 - Teaching Language Arts in the Elementary School

(1) Credit Hours

Designed to develop an understanding of the basic concepts of language usage in the elementary classroom. Emphasizes the interrelatedness of language arts skills while demonstrating developmentally appropriate instructional strategies, activities, materials, and assessment techniques. Corequisites: [EDUC 3530](#) or Department Head approval.

EDUC 3170 - Designing Instruction for the Inclusive Classroom

(3) Credit Hours

Study of the elements of evaluation, planning and instruction common to an inclusive classroom with emphasis upon instructional design, unit/lesson development, teaching strategies, and adapting/differentiating instruction for diverse learners. Prerequisites: Checkpoint 1 or Department Head approval.

EDUC 3180 - Methods in Special Education

(3) Credit Hours

Examination of the approaches and methodology concerning remedial, corrective, and compensatory instruction used to support and teach students with mild to moderate disabilities. Emphasis is on mastery of K-12 general education curriculum as well as vocational skill development and transition planning. Prerequisites: Checkpoint 1 or Department Head approval.

EDUC 3190 - Behavior Intervention Planning

(3) Credit Hours

Theoretical orientations toward behavior management and strategies reflecting these orientations will be examined. This course will also address the development of behavior intervention plans needed when traditional classroom management is insufficient to address the behavioral, emotional and social problems of students. Field component required. Spring semester. Prerequisites: Checkpoint 1 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3210 - Literacy Instruction in the Content Areas

(3) Credit Hours

This course examines adolescent literacy learning within and across the content areas or disciplines and offers prospective middle and secondary teachers research-based strategies for integrating reading and writing within their content area. The course considers the role of literacy in disciplinary learning and explores ways to create learning

environments that support the literacy development of learners from diverse cultural and linguistic backgrounds. Required of all secondary and middle grades education majors. Field component required. Fall and Spring semesters. Prerequisites: Checkpoint 1 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3220 - Literacy I: Instruction for Emergent Learners (Birth-1st Grade)

(3) Credit Hours

This course will address teacher knowledge and skills required for effective curriculum design, instruction, and evaluation of emergent learners from birth through 1st grade and the wide range of children with exceptional needs, inclusive of English Language Learners. The components of emergent literacy include oral language development, phonological and phonemic awareness, the alphabetic principle, high frequency vocabulary development, decoding, and emergent spelling pattern and writing strategies. Fall and Spring semesters. Prerequisites: Checkpoint 1 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3230 - Literacy II: Instruction for Elementary Learners (2nd-5th Grade)

(3) Credit Hours

This course will address teacher knowledge and skills required for effective curriculum design, instruction, and evaluation of elementary literacy learners from 2nd through 5th grades and children with exceptional needs (including English Language Learners). Includes theory, research, curriculum/instruction, and evaluation as they relate to the components of literacy (spelling/word work, vocabulary, fluency, comprehension) and the language arts (reading, writing, listening, speaking, viewing, visually representing). Field component required. Fall and Spring semesters. Prerequisites: Checkpoint 2 or Department Head approval. Corequisites: [EDUC 3900](#) or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3250 - Nature and Characteristics of the Individual with Moderate and Severe and /or Multiple Disabilities

(3) Credit Hours

The in-depth study of the psychological, physical, educational, medical, behavioral, and learning characteristics and needs of students with moderate, severe, or multiple disabilities. Fall semester. Prerequisites: Checkpoint 1 or Department Head approval.

EDUC 3300 - Academic and Behavioral Evaluation

(3) Credit Hours

A study of the basic principles and techniques of educational evaluation in special education used by the classroom/resource teacher. Field component required. Fall and Spring semesters. Prerequisites: Checkpoint 2 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3350 - Diversity in the Schools

(2) Credit Hours

This course will survey the major social and psychological processes involved in diversity, human relations, and how these processes impact teaching, learning, and other human interactions. Teacher candidates will develop appropriate knowledge and skills for managing the total learning environment in the early childhood setting; emphasis on developing skills that facilitate effective teaching through appropriate management techniques that are sensitive to individual needs of children within a culturally and economically diverse population and the involvement of parents and community members. Field component required.

Fall semester. Prerequisites: Checkpoint 1 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3500 - Teaching Strategies and Materials in Elementary Grades Mathematics

(3) Credit Hours

Designed to provide students with effective methods for mathematics instruction in the elementary grades. Emphasis will be placed on assessment techniques and developmentally appropriate strategies and materials. Prerequisites: Checkpoint 1 or Department Head approval.

EDUC 3510 - Science Concepts and Perspectives

(3) Credit Hours

Emphasis on understanding science from a personal and social perspective. Overall goal to develop values, attitudes, and skills through a study of science topics organized around themes rather than disciplines. Follows the recommendations of the National Research Council's National Science Education Standards. Prerequisites: Checkpoint 1 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3520 - Social Studies Topics, Concepts and Perspectives

(3) Credit Hours

An examination of concepts, theories and principles of history, sociology, anthropology, geography, political science, and economics in curricula typically developed for children age 6-14. Emphasis on diverse presentation. Prerequisites: Checkpoint 1 or Department Head approval.

EDUC 3530 - Concepts of Language Literacy: Acquisition, Development, and Usage

(3) Credit Hours

Examines the theoretical framework underlying the development of language and the communication processes. Designed to build an understanding of the concepts and skills of language development with an emphasis on facilitating clear thinking and effective communication in children of differing abilities and cultural backgrounds. Emphasis placed on listening, speaking, writing, and reading and on synthesis of the literary elements acquired from college course work. Prerequisites: Checkpoint 1 or Department Head approval.

EDUC 3600 - Foundations in Teaching English as a Second Language

(3) Credit Hours

Study of the history and legal issues related to teaching English as a Second Language (ESL) in the United States, including landmark cases and decisions, state and federal requirements, and the impact of the English Learner (EL) on school culture. This course will trace the evaluation of English as a Second Language teaching/learning as well as the factors impacting the placement of ELs and the services provided these young people. Additional study will focus on articles written by major researchers in the field. The course will afford an opportunity to identify, analyze, and discuss current issues and future directions and factors affecting the field of ESL. Field component required. Fall and Spring semesters. Prerequisites: [EDUC 2010](#)

, ECHD 2430 or [ECHD 2435](#)

, Checkpoint 1 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3700 - Language and Culture

(3) Credit Hours

This course focuses on language as an aspect of human culture. The purpose of the course is to examine how language functions differ across cultures and how differences—ranging from the origins of humans to language phenomena in the present day—have been interpreted. Specific areas of study will include the structural properties of human languages, how the major language families differ, how and why speakers differ within communities, and how an outsider can come to understand and appreciate basic principles at work within a language other than his/her native language. Fall and Spring semesters. Prerequisites: [EDUC 2010](#)

, ECHD 2430 or [ECHD 2435](#)

Checkpoint 1 or Department Head approval.

EDUC 3800 - Strategies and Methods for Teaching ESL (Birth to 5th Grade)

(3) Credit Hours

This course will address teacher knowledge and skills required for effective instruction of English Learners (ELs) from birth through 5th grade. By developing understandings and appropriate application of best practices in language and literacy development, teaching techniques, materials, classroom management, application of instructional standards, evaluation, and professional development for young children, students will simultaneously be prepared to successfully complete the requisite Praxis II exam, “English to Speakers of Other Languages (5361),” required for the ESOL endorsement in Tennessee and multiple states. See <https://www.ets.org/s/praxis/pdf/5361.pdf>

for information about this exam. Field component required. Fall and Spring semesters. Prerequisites: [EDUC 2010](#)

, ECHD 2430 or [ECHD 2435](#)

, [EDUC 3600](#)

, Checkpoint 1 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3900 - Field Experience

(3) Credit Hours

This field experience course places teacher candidates in strategically planned settings that enables them to apply his/her knowledge and skill in school settings. Teacher candidates will view the implementation of pedagogy through real world classroom field experiences. This field experience will be completed during the junior year of the teacher

candidate's education program prior to Residency I. Responsibilities during this field experience can include: tutoring, observing, and assisting with small groups or individuals in an instructional setting within the grade levels of desired certification. The field experience location will be assigned by the Director of Field Experiences in order to insure that students have an opportunity to experience diverse school settings. Field component required. Fall and Spring semesters. Prerequisites: Checkpoint 2 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3950 - Guidance and Management in Inclusive Elementary Classrooms

(3) Credit Hours

A study of the organization and structure of inclusive elementary classroom environments, communication and interaction with K-5 children, and rationale for guiding behavior. Field component required. Fall and Spring semesters. Prerequisites: Checkpoint 2 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 3999R - Group Studies

(1-9) Credit Hours

On demand. Prerequisites: Department Head approval. Department may have additional prerequisite requirements.

EDUC 4050 - CTE Advanced Literacy and Instructional Strategies

(3) Credit Hours

This course will emphasize literacy strategies, RTI2 and mastery of literacy standards. The course would give candidates a wider spectrum of CTE instructional strategies, advanced array of assessment strategies for the CTE classroom, presentation of key components of their final digital portfolio, networking with cohort members related to integrating literacy and writing skills into the CTE classroom, and extended possibilities for networking with regional career certification technical colleges, with invited key clinical consortium speakers for key CTE topics and invited speakers/recruiters from technical college training programs. Open to CTE students completing the Occupational licensure program only.

EDUC 4140 - Classroom Management

(3) Credit Hours

This course is designed to explore best practices of effective classroom management and individual behavior intervention strategies. Emphasis will be given to creating proactive learning environments through positive behavioral interventions and support. Course content will focus on principles, procedures, and strategies for classroom behavior management, social skills development, assessment of social behavior, and learning environment enhancement. Field component required. Spring semester. Prerequisites: Checkpoint 2 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 4150 - Instructional Technology for the Adolescent Exceptional Student

(3) Credit Hours

An examination of the unique needs and particular issues which are specific to adolescents and adults with mild disabilities. The course emphasizes approaches and methodology concerning corrective and compensatory instruction. Fall semester. Prerequisites: Checkpoint 2 or Department Head approval.

EDUC 4180 - Curriculum and Instruction

(3) Credit Hours

A theoretical and practical orientation to the middle grades, holistically addressing the personal, social, and academic needs of young adolescents. Emphasizes organizational issues, integration of curriculum, and appropriate strategies for instruction and assessment. Every semester. Prerequisites: Checkpoint 1 or Department Head approval.

EDUC 4220 - Literacy Instruction in the Intermediate Grades and Middle School

(3) Credit Hours

Teaching and learning with 21st-century strategies to deal with the content and process of reading. Emphasizes vocabulary development, comprehension strategies, and basic study skills within a balanced literacy framework. Required of all middle grades education majors. Field component required. Spring semester. Prerequisites: Checkpoint 2 or Department Head approval. Corequisites: [EDUC 3900](#) or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 4250 - Procedures for Individuals with Physical and Multiple Disabilities

(3) Credit Hours

An examination of the unique needs and particular issues which are specific to children and adults who have physical challenges or multiple disabilities or are medically fragile. The course emphasizes how instructional approaches and methodology may be altered with special emphasis on physical and health management and adaptive technology. Field component required. Fall semester. Prerequisites: Checkpoint 2 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 4260 - Instructional Procedures for Individuals with Moderate, Severe, or Multiple Disabilities

(3) Credit Hours

An examination of the unique needs and particular issues which are specific to children, adolescents, and adults with moderate and severe disabilities. The course emphasizes instructional approaches and methodology concerning functional academic curriculum, social skills development, career and vocational development, personal management, recreation/leisure, and general community living skills. Field component required. Fall semester. Prerequisites: Checkpoint 2 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 4280 - Introduction to Autism Spectrum Disorder

(3) Credit Hours

This course provides a background of the characteristics of individuals who are primarily diagnosed with Autism Spectrum Disorder (ASD), Asperger Syndrome, or other Pervasive Developmental Disorders. Reviewed are behavioral characteristics of students with diagnostic symptoms, family dynamics, varied diagnostic and assessment methods, and theories of etiology. Included is an overview of instructional issues that pertain to the development of individuals with ASD. Spring semester. Prerequisites: Checkpoint 1 or Department Head approval.

EDUC 4300 - Gifted and Talented Children and Adults

(3) Credit Hours

This course examines the social, emotional, and intellectual characteristics of the gifted/talented child and focuses on the appropriate teaching/learning requirements in resource and regular classrooms. Special attention will be given to program models, curriculum development, and teaching strategies. Prerequisites: Checkpoint 1 or Department Head approval.

EDUC 4310 - Teaching Strategies and Materials in Foreign Language

(3) Credit Hours

Curriculum and methods appropriate for teaching foreign language in grades PreK-12. Fall semester. Prerequisites:

[EDUC 2010](#)

or Department Head approval.

EDUC 4320 - Residency I

(6) Credit Hours

During Residency I, which occurs the semester before Residency II, teacher candidates observe and actively engage in PreK-12 schools. Teacher candidates will spend approximately half the time in Pre-K-12 setting and the remaining time will be participating in class work and seminars. The course is designed to improve candidates' content knowledge and teaching skills; classroom management, assessment, supporting diverse learners, using evidence-based instructional strategies, collaborating with colleagues, and developing relationships with families. This course interfaces specifically with the content areas of literacy, mathematics, social studies, science, music, art, dance and/or physical education. Field component required. Fall and Spring semesters. Prerequisites: Admission to Teacher Education Program, application for and admission to Residency I according to School of Educational guidelines or Department Head approval. Completion of Checkpoint 1 and Checkpoint 2. [EDUC 3900](#)

or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 4321 - Internship I

(8) Credit Hours

A supported and intensive internship for candidates seeking teaching licensure while serving in an educational and professionally related capacity with a school district or related organization. Internship is designed to provide aspiring educators with a hands-on experience in the field of teaching. Throughout the internship, candidates will work closely with experienced teachers, apply teaching skills, and develop a deeper understanding of the teaching profession. This

immersive internship offers candidates the opportunity to apply theoretical knowledge to real classroom settings. Candidates for internship must be recommended by a school district, or related organization, and approved by the School of Education. Fall and Spring semesters. Laboratory/studio course fee will be assessed. Satisfactory/No Credit.

EDUC 4322 - Internship II

(8) Credit Hours

A supported and intensive internship for candidates seeking teaching licensure while serving in an educational and professionally related capacity with a school district or related organization. Internship II is designed to provide aspiring educators with advanced hands-on experience in planning, instruction, classroom environment, and assessment. Throughout the internship II, candidates will work closely with experienced mentor teachers, apply teaching skills, and develop a deeper understanding of the teaching profession. This advanced and immersive internship offers candidates the opportunity to apply theoretical knowledge to real classroom settings, plan, differentiate, and facilitate instructional practices and analyze formative and summative student assessment data to inform instructional practice. Candidates for Internship II must be recommended by a school district, or related organization, and approved by the School of Education. Fall and Spring semesters. Laboratory/studio course fee will be assessed. Satisfactory/No Credit.

EDUC 4335 - Designing Instruction and Assessment

(3) Credit Hours

Formulating and evaluating appropriate affective and cognitive objectives for classroom practices. Classroom diagnostic and prescriptive teaching; linking reading, assessment, decision-making and instruction; in-depth study of selected assessment instruments, instructional strategies, materials, and management procedures. Field component required. Prerequisites: [EDUC 4180](#)

or [MUS 3230](#)

, TEP Checkpoint 1, Checkpoint 2, or Department Head approval. Corequisites: [EDUC 4320](#) or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 4350 - Assessment and IEP Development in Special Education

(3) Credit Hours

Capstone experience in assessment for eligibility and for planning of Individualized Educational Programs (IEPs) for exceptional learners. Includes the administration of formal and informal assessment instruments and use of the results to plan an IEP. Heavy Field component required. Fall and Spring semesters. Prerequisites: Checkpoint 2 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 4420 - Professional Seminar

(2) Credit Hours

This course uses discussion and hands-on work to allow students to combine pedagogical knowledge and skill, readings and research on school-based situations to prepare for licensure that requires teachers to document their readiness to teach. Candidates for teacher certification must be prepared to demonstrate their readiness to teach through lesson plans designed to support their students' strengths and needs, engage students in learning, analyze their students' learning and adapt/adjust their instructional to continually improve effectiveness. Field component required. Fall and

Spring semesters. Prerequisites: Checkpoint 1, Checkpoint 2, and Checkpoint 3 or Department Head approval. Laboratory/studio course fee will be assessed.

EDUC 4425 - Residency II Student Teaching

(10) Credit Hours

Residency II/Student Teaching shall provide candidates with intensive and extensive P-12 school-based responsibilities, assignments, tasks, and assessments that demonstrate a candidate's progressive development of the professional knowledge, skills, and disposition to be effective educators. Fall and Spring semesters. Prerequisites: All degree coursework must be completed except for Professional Seminar unless departmental permission is given, and completion of Educator Preparation Program (EPP) Checkpoints 1, 2, and 3. Corequisites: [EDUC 4420](#) or Department Head approval. Education lab fee will be assessed. Satisfactory/No Credit.

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