

# WORKFORCE AND ADULT EDUCATION (WAED)

---

## WAED 5000 Thesis or Report

**Description:** Students studying for a master's degree may enroll for a total of two credit hours if they write a report or six hours if they write a thesis. Students working on a specialist's degree may earn a maximum of 10 hours credit. Previously offered as OCED 5000. Offered for variable credit, 2-10 credit hours, maximum of 10 credit hours.

**Credit hours:** 2-10

**Contact hours:** Contact: 2-10 Other: 2-10

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

## WAED 5010 Seminar

**Description:** Graduate student seminars focusing on current and critical issues and common problems relevant to workforce and adult education. Previously offered as OCED 5010. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

## WAED 5013 Foundations and Characteristics of Adult Learning

**Description:** Societal trends and issues which have influenced the development and current status of workforce and adult education. Learning patterns, interests and participation among adults in a variety of educational settings. Previously offered as HRAE 5213 and EDLE 5313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

## WAED 5110 Career and Technical Information

**Description:** New development in scientific and technical information and knowledge that are relevant to current career, technical and trade practices. May not be used for degree credit with CTED 4110. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

## WAED 5113 Principles of Leadership in Workforce Education

**Description:** Principles and analysis of leadership in today's workforce education organizations and the effect of leadership practices on organizational climate and governance. Understanding today's labor market and the connection among education, government, and workforce development policy. Previously offered as OCED 5113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

## WAED 5123 Administration & Evaluation of Workforce and Adult Education

**Description:** Principles of effective planning, administration and evaluation of workforce and adult education settings. Techniques and strategies for designing, conducting, reporting, and applications of evaluations. Course previously offered as TIED 5223 and OCED 5123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

## WAED 5133 Internationalism, Globalization and Workforce Education

**Description:** Preparing a globally competitive workforce. Analysis of comparative international occupational/technical education systems, and critical issues in internationalism and globalization in workforce education development. Course previously offered as OAED 5133 and OCED 5133.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

## WAED 5143 Organization and Administration of Adult Education

**Description:** Organizational procedures and administrative practices for effective planning, implementation and management of adult and continuing education programs. Analyses of legislation, finances and community groups that influence and impact upon adult and continuing education programs. Previously offered as HRAE 5223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

## WAED 5153 Curriculum Planning in Workforce and Adult Education

**Description:** Principles and procedures for curriculum planning, development and management in workforce and adult education with analyses of current trends and practices and their implications for program quality. Course previously offered as OAED 5153 and OCED 5153.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

## WAED 5163 Instructional Procedures in Career and Technical Education

**Description:** Methods and techniques for effective teaching and learning in career and technical classroom, laboratories, and technology-based environments. May not be used for degree credit with CTED 4103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5170 CTED Workshop**

**Description:** Professional workshops of various topics and lengths. Focus on a particular topic from such areas as the development, use, and evaluation of instructional methods and materials. May not be used for degree credit with WAED 4010. Offered for variable credit, 1-6 credit hours, maximum of 12 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5183 Coordinating Career and Technical Student Organizations and Activities**

**Description:** Student organizations and activities in career and technical education at local, state and national levels. Procedures for planning programs of work, incorporation of student organization activities into curriculum, adviser characteristics and responsibilities, fund-raising activities, and techniques for recognizing outstanding members and community supporters. May not be used for degree credit with CTED 4123.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5193 Safety, Organization and Management of Learning Facilities**

**Description:** Techniques and procedures for organizing and managing career and technical laboratory facilities and learner activities to enhance the quality of instruction and improve efficiency of equipment and space utilization, including all safety rules and procedures. May not be used for degree credit with CTED 4213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5203 Foundations of Adult and Continuing Education**

**Description:** Societal trends, issues and institutions which have influenced the development and current status of adult and continuing education. Analyses and critiques of contemporary adult and continuing education activities, materials and clientele groups served, and their implications for new existing programs in the field. Previously offered as HRAE 5203 and EDLE 5203.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5213 Occupational Analysis and Curriculum Development**

**Description:** Analysis of occupational job activities; development of course objectives, course outlines, and specific instructional materials for occupational and technical courses. May not be used for degree credit with CTED 4343.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5223 Program Planning for Workforce and Adult Educators**

**Description:** Approaches to program planning designed around continuous improvement methods for problem solving, flow charting, budgeting, gaining program support, and research proven models applicable to workforce and adult education. Previously offered as OCED 5223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5232 Teaching Related Information**

**Description:** Selection of job-related topics common to most workforce and adult education programs; procedures for incorporating those topics into the regular curriculum. Course previously offered as TIED 5232 and OCED 5232.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5233 Advanced Instructional Procedures in Workforce and Adult Education**

**Description:** Advanced methods and procedures for effective teaching and learning in workforce and adult education classrooms and laboratories. Teaching basic education and employment skills and the selection of job-related topics common to most occupations with procedures for incorporating those topics into the regular curriculum. Course previously offered as TIED 5233 and OCED 5233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5313 Overview of Workforce and Adult Education**

**Description:** Organization of workforce and adult education including its history, principles and evolving social, political and economic forces influencing the field. Course previously offered as OAED 5313 and OCED 5313.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5333 Administration and Supervision of Workforce Education Programs**

**Description:** Understanding and critically analyzing the quality of workforce education courses and the value they hold. Course previously offered as OAED 5333 and OCED 5333.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5340 Special Problems in Workforce and Adult Education**

**Description:** Directed independent study of special topics involving assigned readings, library research, field work or a combination of these. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours. Previously offered as OCED 5340.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5353 Instructional Strategies for Adults**

**Description:** An analysis and application of the various techniques and materials available to facilitate the learning process in workforce and adult education settings. Process of designing effective learning experiences, planning curriculum and developing competencies of the facilitators. Previously offered as HRAE 5253 and EDLE 5353.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5423 Individualized Competency Based Instruction and Customized Training**

**Description:** Principles, techniques, and technologies for creating and delivering individualized competency-based instruction and customized workplace training. Includes LAP systems and customizing for industry. Course previously offered as TIED 5443 and OCED 5423.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5443 Interpreting Research in Workforce and Adult Education**

**Description:** Seminar on the methods of research, review, synthesis and interpretation with application to particular fields of workforce and adult education. Course previously offered as OAED 5443 and OCED 5443.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5683 Legal Issues in Career and Technical Education**

**Description:** Overview of the law and the legal system, including how to perform legal research using library and internet resources, issues involving student organizations, intellectual property, and distance education. May not be used for degree credit with CTED 4683.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5703 Adult Learning in Diverse Settings**

**Description:** The study of adult learning in diverse geographic and cultural settings. Interaction with experts in the field and reflection upon their experiences after returning from travel. Previously offered as HRAE 5703.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5720 Workshop**

**Description:** Professional workshops of various topics and lengths. Each workshop designed to meet unique or special needs of individuals concerned with adult education and workplace learning. Previously offered as OCED 5720. Offered for variable credit, 1-3 credit hours, maximum of 10 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5730 Special Topics in Adult Education**

**Description:** The practice, theory and research related to a current topic in adult education. Previously offered as HRAE 5730. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5733 Current Issues in Career and Technical Education**

**Description:** Defining current issues, conducting action research and proposing possible solutions to current issues in CTED. Debating opposing views and giving logic and reasoning for each view. May not be used for degree credit with CTED 4673.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5833 Global Consulting**

**Description:** The consulting process, including contract, entry, diagnosis, response, disengagement, closure and ethical considerations. The competencies of successful consultants and trainers in the international environment, including cultural adaptations of self and of training materials. Previously offered as HRAE 5833.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5880 Internship in Workforce and Adult Education**

**Description:** Supervised experience working in business, industry, human service, or education settings. Previously offered as OCED 5880. Offered for variable credit, 3-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 3-6

**Contact hours:** Contact: 3-6 Other: 3-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

**WAED 5910 Developing and Analyzing Teaching Content**

**Description:** Provides opportunity for experienced teachers to incorporate the latest workforce and adult education methodology, strategy, and/or technology into their course of study. Previously offered as OCED 5910. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6000 Doctoral Dissertation**

**Description:** Required of all candidates for the Doctor of Philosophy degree. Credit is given upon completion of the dissertation. Previously offered as OCED 6000. Offered for variable credit, 1-25 credit hours, maximum of 25 credit hours.

**Credit hours:** 1-25

**Contact hours:** Contact: 1-25 Other: 1-25

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6103 Philosophy of Workforce and Adult Education**

**Description:** Alternative perspectives for developing a philosophic position in workforce and adult education. Course previously offered as OAED 6103 and OCED 6103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6110 Graduate Reading in Workforce and Adult Education**

**Description:** Supervised readings of significant literature not included in regularly scheduled courses. Previously offered as OCED 6110. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6113 Supervision of Workforce Education Instruction**

**Description:** Theoretical and practical application of current instructional supervision in workforce education setting. Strategies for effective supervision are learned through practice in analyzing teacher instruction for provisional and standard certifications and for industry certified instructors. Course previously offered as OAED 6113 and OCED 6113.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6123 Foundations of Lifelong Learning**

**Description:** The definitions, historical and philosophical development, and the scope and function of lifelong learning. Previously offered as HRAE 6103.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6213 Lifelong Learning and Performance**

**Description:** Lifelong learning theory within the context of applications in formal and informal settings in the community as well as in the workplace. Synthesis of research findings on changes of cognitive performance due to aging and analysis of recent literature on participation in adult education and training. Previously offered as OAED 6213 and HRAE 6213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6223 Current Research in Adult Education**

**Description:** Analysis of the major research trends in the field of adult education. Recent research studies in the field. Previously offered as HRAE 6223.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6233 Managing Knowledge in Learning Organizations**

**Description:** Analyze the knowledge management concepts of informal learning, communities of practice, knowledge/learning transfer, organizational learning, and knowledge creation in learning organizations and workplaces. Conduct self-directed research projects on course-related topics and develop a conceptual map of learning concepts. Previously offered as OCED 6233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6253 Critical Issues in Adult Education**

**Description:** Exploration of current issues of concern to adult educators from diverse settings. Previously offered as HRAE 6233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6330 Special Topics in Adult Education**

**Description:** Analysis and critique of the application of adult learning principles and methods in one of the numerous diverse settings in which adult education is practiced. Previously offered as HRAE 6330. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6333 Strategic Planning in Workplace Learning and Organizational Performance**

**Description:** Theory, trends, and competency model development performance areas. Course previously offered as OAED 6333 and OCED 6333.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6343 Financing Workforce and Adult Education**

**Description:** Development of conceptual and legal bases for funding public workforce and adult education programs. Sources of funds, distribution strategies, local, state and federal accountability requirements, and fraud and abuse funds. Previously offered as OCED 6343.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6353 Future of Technology, Work and Society**

**Description:** Complex interrelationships among emerging and future technologies, human society, and the definition and evolution of work in a global society. Traditional and emerging theoretical frames for technology and the future. Previously offered as OCED 6353.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Educ Found Leadersh & Aviation

**WAED 6880 Doctoral Internship in Workforce and Adult Education**

**Description:** Directed field experiences related to the participant's area of concentration. Practice and testing ideas, theories and concepts learned in graduate study. Previously offered as OCED 6880. Offered for variable credit, 1-8 credit hours, maximum of 8 credit hours.

**Credit hours:** 1-8

**Contact hours:** Contact: 1-8 Other: 1-8

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Educ Found Leadersh & Aviation