



# AGRICULTURAL LEADERSHIP EDUCATION & COMMUNICATIONS (ALEC)

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## ALEC 800 Overview to Program Planning

**Crosslisted with:** ALEC 400

**Prerequisites:** ALEC 305 or ALEC/TEAC 805/NUTR 806.

**Notes:** Designed for individuals interested in developing and/or improving program planning skills.

**Description:** Theoretical and applied considerations for identifying content, design, implementation, and evaluation of educational programs that vary in length from several hours to several months.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

## ALEC 801 Theoretical Foundations of Leadership

**Description:** Major research thrusts in leadership field. Historical and contemporary research studies, surveying the literature, developing theory, and conceptualizing original research questions and problems.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**Prerequisite for:** ALEC 802; ALEC 901

## ALEC 802 Developing Leadership Capacity in Organizations and Communities

**Prerequisites:** ALEC 801 or equivalent

**Description:** Leadership capacity in individuals and organizations. Impact of leadership on organizational outcomes and means for diagnosing leadership developmental needs. Assessing, creating and implementing a comprehensive leadership development program for an organization or community.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

## ALEC 803 Agricultural and Environmental Sciences Communication Theory and Strategy

**Description:** Learn communication theory, concepts, and research processes as they apply to important agricultural and environmental sciences issues. Develop effective strategies and tactics that draw on the theoretical frameworks and methodologies that are most central to the communication process for agricultural and environmental sciences communication professionals and researchers.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

## ALEC 804 CTE Success: CTSO & WBL Management

**Description:** Successfully implement Career and Technical Education (CTE) secondary programs to include Career and Technical Education Student Organizations (CTSO) and Work-Based Learning (WBL) experiences.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**Offered:** SPRING

## ALEC 805 Advanced Teaching Strategies

**Crosslisted with:** NUTR 806, TEAC 805

**Description:** Contemporary and innovative teaching strategies, emphasizing learner-centered instruction, suitable to teaching in college and postsecondary institutions, outreach programs public schools, and other settings. Students participate in active learning as they apply learning theory in practice, prepare and demonstrate teaching methods, and plan for instruction in discipline areas of their choice.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**Prerequisite for:** ALEC 400, ALEC 800; TEAC 905, ALEC 905

## ALEC 807 Supervisory Leadership

**Crosslisted with:** ALEC 407, CYAF 807

**Prerequisites:** ALEC 202 or ALEC 302; Junior standing

**Description:** Knowledge and theoretical basis for practicing supervisors in a changing workplace where supervisors have increasing responsibilities due to the flattening or organizational structures, solving supervisory challenges in organizing and planning, problem solving and decision making, performance appraisal and leading a diverse workforce.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

## ALEC 808 Laboratory Management for Alternative Certification

**Notes:** Student demonstrations and presentations are required.

**Description:** Planning, conducting and administering the instructional programs related to experientially based education in school laboratory settings.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**Course and Laboratory Fee:** \$60

## ALEC 809 Diffusion of Innovations: Through an Extension Context

**Description:** A change agent influences innovative decisions in a direction deemed desirable by a business, agency, or organization. Overview of key characteristics of change agents as well as processes by which they influence the introduction, adoption, and diffusion of technological changes in society. Prepares those who are responsible for bringing about change in their community and within the Extension system.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**Offered:** FALL

**ALEC 810 Environmental Leadership**

**Crosslisted with:** ALEC 410, NRES 413, NRES 813

**Prerequisites:** Junior standing.

**Notes:** Offered on the World Wide Web (WWW) fall semester of odd-numbered years and in the classroom fall semester of even numbered-years.

**Description:** Major leaders in conservation and ecology that emphasizes agricultural and cultural issues and relationships with the environment.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**ALEC 811 Principles of Adult Education**

**Description:** Covering a broad range of topic areas in the field of adult education. Expand understanding of multiple adult learning theories. Connecting theory to practice for those who are responsible for designing and implementing adult education programs for community organizations, leadership organization, and Extension. Focus on how to conduct research in the area of adult education.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Graded

**Offered:** FALL

**ALEC 812 Multimedia Applications for Education and Training**

**Crosslisted with:** ALEC 412, NUTR 812

**Description:** Practical applications in developing and evaluating multimedia resources for students. Surveys new applications, creates and develops various instructional materials, and reviews current practice against relevant theory. Use current software packages to develop materials for various audiences.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**ALEC 813A Development and Programming in Career and Technical Education**

**Notes:** This course is intended for agricultural education teachers and educators.

**Description:** To discover and process, through applied assignments, the fundamental concepts and procedures necessary to effectively plan, manage and market a secondary program of agricultural education.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**Offered:** SUMMER

**ALEC 813B Development and Programming in Career and Technical Education**

**Notes:** This course is intended for skilled and technical education teachers and educators.

**Description:** To discover and process, through applied assignments, the fundamental concepts and procedure necessary to effectively plan, manage and market a secondary program of skilled and technical science.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**ALEC 814 Classic Figures in Leadership**

**Crosslisted with:** ALEC 414

**Description:** Leadership theory in an applied context. Leadership analyzed through a variety of genres: autobiography, drama, fiction, tracts and treaties, speeches.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**ALEC 816 Management Strategies in Distance Education Environments**

**Description:** Management strategies for a variety of distance education situations. Planning, organization, motivation, and control provide a framework for analyzing distance education in formal and non-formal, large and small, private and public, and established and emerging organizations.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**ALEC 818 Community Engagement**

**Crosslisted with:** CDEV 818

**Description:** A foundational knowledge of community engagement. This will include understanding a community's readiness to change; strategies to engage community's members and strategies to determine goals and indicators to achieve change. Participants will review and critique various community engagement and readiness processes, gaining an understanding of approaches advantages and limitations. Through case studies, experiential learning and discussions, participants will develop a skillset for community engagement processes that lead to long term change.

**Credit Hours:** 1

**Max credits per semester:** 1

**Max credits per degree:** 1

**Grading Option:** Graded

**ALEC 819 Public Information Campaigns**

**Crosslisted with:** ALEC 419

**Prerequisites:** Undergraduates: ALEC 207, ALEC 260; Graduates: permission of instructor

**Notes:** Create a thoroughly researched campaign plan and presentation that can be added to a professional portfolio.

**Description:** Apply skills in communications, public relations, and journalism to plan a strategic communications campaign. Examine principles and practice of marketing and communications applied to agricultural, science, or environmental issues.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**ALEC 820 Improvement of Instructional Programs for Post-High-School Occupational Education**

**Crosslisted with:** ALEC 420

**Description:** Designing new instructional programs, expanding the impact of student behavioral objectives, and evaluating the total instructional program.

**Credit Hours:** 1-3

**Min credits per semester:** 1

**Max credits per semester:** 3

**Max credits per degree:** 3

**Grading Option:** Grade Pass/No Pass Option

**ALEC 824 Foundation of Career and Technical Education****Crosslisted with:** ALEC 424**Description:** Scope and structure of career and technical education within the educational system. Teacher's role and responsibilities in dealing with legislative mandates in planning, management, and evaluation of a local program.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**ALEC 826 Program Evaluation****Notes:** ALEC 833 recommended**Description:** Builds upon program development in extension programming and provides a basic overview of program evaluation principles and methods. Applies program evaluation principles in extension education.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**ALEC 828 Leadership in Public Organizations****Crosslisted with:** ALEC 428, NRES 428, NRES 828**Prerequisites:** Junior standing**Description:** Leadership in theories, research, and practices in public organizations and natural resource agencies.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**Experiential Learning:** Case/Project-Based Learning**ALEC 830 Introduction to the Development of Distance Education Courses****Crosslisted with:** ENTO 830**Description:** Introduction to practical aspects of developing and facilitating distance education courses. Create and facilitate interaction, assessments, course delivery, assignments, course etiquette and ADA compliance. Develop a distance course module grounded in distance education theory and instructional design principles.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**ALEC 845 Research in Leadership Education****Crosslisted with:** CYAF 845**Description:** Steps in preparing a research proposal, including statement of the research question, review of relevant literature, and determination of an appropriate research design and methodology. Research methodology, including both quantitative and qualitative procedures.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**ALEC 855 Dynamics of Effective Leadership in Groups & Teams****Crosslisted with:** ALEC 455, CDEV 855**Prerequisites:** At least Junior standing is required for ALEC 455.**Description:** Explore foundational knowledge of team and group dynamics theory and its relationship to the practice of leadership in organizations and communities. Development of leadership, followership, and teamwork skills in small groups and teams. Focus on team and group decision making, problem solving, and creativity, peer assessment, and evaluation using real-world situations and contexts. Critically apply team and group dynamic theories and research to leadership in organizations and communities.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**Offered:** SPRING**ALEC 866 Leadership and Diversity in Organizations and Communities****Description:** Leadership theories and their applications to human diversity in organizations and communities.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**Offered:** SPRING**ALEC 877 Leadership and Motivation****Crosslisted with:** ALEC 477**Description:** Classic and contemporary motivation theories applied to leadership in organizations and communities.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**ALEC 888 Leadership, Power and Influence****Description:** Organizational influence processes, power, and politics in organizations and communities.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**Offered:** SUMMER**ALEC 890 Workshop Seminar****Prerequisites:** Permission**Description:** Work, singly or in groups, on practical educational problems, done under the supervision of staff with assistance of selected educational consultants.**Credit Hours:** 1-12**Min credits per semester:** 1**Max credits per semester:** 12**Max credits per degree:** 12**Grading Option:** Grade Pass/No Pass Option**ALEC 891 Professional Exploration in Leadership Education and Leadership Studies****Prerequisites:** Admitted to ALEC graduate program or permission.**Description:** Plan and prepare successful professional trajectories post graduate degree in Leadership Education and Leadership Studies.**Credit Hours:** 1**Max credits per semester:** 1**Max credits per degree:** 1**Grading Option:** Pass No-Pass**Offered:** FALL

**ALEC 893 Technical Agricultural Workshop****Prerequisites:** Permission**Description:** Group study of technology in agricultural occupations. Workshops, special meetings, and assignments.**Credit Hours:** 1-12**Min credits per semester:** 1**Max credits per semester:** 12**Max credits per degree:** 12**Grading Option:** Grade Pass/No Pass Option**ALEC 894 Professional Seminar: NAEA/NCE Conference****Description:** Professional conferences provide an opportunity to develop yourself as a professional within your field. This course will allow for the Nebraska Agricultural Educators Association (NAEA) conference and the Nebraska Career Education (NCE) conference to serve as the context for professional growth and development for Career and Technical Education (CTE) teachers.**Credit Hours:** 1**Max credits per semester:** 1**Max credits per degree:** 1**Grading Option:** Graded**Offered:** SUMMER**ALEC 896 Independent Study in Leadership Education****Crosslisted with:** ALEC 496**Prerequisites:** Permission.**Description:** Projects to research, literature review, or extension of course work.**Credit Hours:** 1-9**Min credits per semester:** 1**Max credits per semester:** 9**Max credits per degree:** 9**Grading Option:** Grade Pass/No Pass Option**ALEC 897 Special Topics****Description:** Readings, in-depth discussions and analysis of current theory, issues and problems, research and practice in leadership education and/or communication. Offered to address emerging topics not covered in other courses.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**ALEC 899 Masters Thesis****Prerequisites:** Admission to masters degree program and permission of major adviser**Credit Hours:** 1-10**Min credits per semester:** 1**Max credits per semester:** 10**Max credits per degree:** 99**Grading Option:** Grade Pass/No Pass Option**ALEC 901 Leading Change in Rural America and Beyond****Prerequisites:** ALEC 801, 18 hours graduate credit, or permission**Description:** Skills in leading change in the 21st Century in rural communities and organizations. Strategies for planning, organizing, and institutionalizing change. Develop a change plan for a community or organization.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**ALEC 903 Teacher Education in Agriscience****Description:** Preparation of agriscience teachers to supervise and mentor student teachers, evaluate/coach performance, and instructional delivery.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**ALEC 904 Seminar in Leadership Studies****Description:** Ideas, theories, and practices on recent and emerging leadership research themes.**Credit Hours:** 1-4**Min credits per semester:** 1**Max credits per semester:** 4**Max credits per degree:** 4**Grading Option:** Grade Pass/No Pass Option**ALEC 905 Practicum in Postsecondary Teaching****Crosslisted with:** TEAC 905**Prerequisites:** ALEC 805 or permission**Description:** Work with a faculty mentor in a discipline of choice and an instructional supervisor to prepare instruction and teach students in a postsecondary setting. Practicum students are assisted in arranging for the practicum and are provided consultation and feedback during the practicum. Lesson planning and reflective papers are part of the practicum experience.**Credit Hours:** 1-3**Min credits per semester:** 1**Max credits per semester:** 3**Max credits per degree:** 1**Grading Option:** Grade Pass/No Pass Option**ALEC 906 Theoretical Foundations of Distance Education****Notes:** ALEC 806 recommended**Description:** Major theoretical concepts and research finding of distance education, as broadly conceived. Emphasis on analyzing and deconstruction of major ideas influencing distance education in formal and non-formal settings.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**ALEC 910 Leadership in Cross-cultural Systems****Notes:** ALEC 801 recommended**Description:** Issues of leading people in the global marketplace. Focus on understanding the impact of cultural differences, comparing and contrasting domestic and multinational leadership challenges, and review of current multinational leadership.**Credit Hours:** 3**Max credits per semester:** 3**Max credits per degree:** 3**Grading Option:** Grade Pass/No Pass Option**ALEC 914 Leadership and Personality****Description:** Personality type and its implications for personal, team, and organizational leadership effectiveness.**Credit Hours:** 2**Max credits per semester:** 2**Max credits per degree:** 2**Grading Option:** Grade Pass/No Pass Option



**ALEC 995 Doctoral Seminar in Leadership Studies**

**Prerequisites:** Permission

**Description:** Outcome-based scholarly activity approved in consultation with doctoral advisor. While working on either an individualized or small group basis, develop, execute, and report one or more projects addressing the interaction between research and practice in the field of leadership.

**Credit Hours:** 3

**Max credits per semester:** 3

**Max credits per degree:** 18

**Grading Option:** Pass No-Pass

**ALEC 996 Research Other Than Thesis**

**Prerequisites:** Permission.

**Description:** Research in selected problems in leadership education.

**Credit Hours:** 2-6

**Min credits per semester:** 2

**Max credits per semester:** 6

**Max credits per degree:** 6

**Grading Option:** Grade Pass/No Pass Option

**ALEC 999 Doctoral Dissertation**

**Prerequisites:** Admission to doctoral degree program and permission of supervisory committee chair

**Credit Hours:** 1-24

**Min credits per semester:** 1

**Max credits per semester:** 24

**Max credits per degree:** 99

**Grading Option:** Grade Pass/No Pass Option