

# AgriLife Classification Description

Last Updated: 4/17/02

8480  
SOFTWARE APPLICATIONS DEVELOPER  
11/01/01

## SUMMARY

**General Description:** Functions as a software applications developer on a complex project and provides consulting, technical support, and training to users of custom application software and to technical staff.

## DUTIES

**Typical:** Performs the following specialized duties: consults with users to define application requirements, identifies programming and output needs, verifies preliminary design and output; recommends technical and procedural design for new or revised applications including flow charts, system specifications, programming guidelines and code review; reviews, modifies and/or writes program code and/or job control language as needed, writes documentation of system procedures and guidelines for application users, as well as programs and program modifications; answers questions and provides technical assistance and/or training to application users, resolves problems by reviewing and analyzing software documentation and production outputs to identify causes, solutions, and/or make appropriate referrals; may serve as lead developer on a small application or assist the lead on larger applications; and distributes and/or installs custom application software and provides training to the customer or to other technical staff; performs the following core duties: assists other employees in resolving certain technical problems; confers with other personnel in resolving problems involving procedural and technical matters; provides more advanced technical support for the customer; researches problems and recommends solutions; provides resource estimates and progress reports; serves on committees to develop technical standards and direction; meets with University customers and technical staff to determine information needs and requirements; ensures that all work is accurate and in compliance with departmental or project quality standards; participates in training and professional development sessions; provides on-call support on nights and weekends as needed; provides input for the planning and budget process; performs related duties as required.

## SUPERVISION

**Received:** General instructions and periodic review from immediate supervisor.

**Given:** Detailed initial instruction and periodic review to assigned staff.

## EDUCATION

**Required:** Bachelor's degree or any equivalent combination of training and experience. One year of related experience may substitute for one year of college education.

**Preferred:** None.

## EXPERIENCE

**Required:** Two years of software applications developer experience.

**Preferred:** None.

## KNOWLEDGE, ABILITIES AND SKILLS

**Typical:** Must be able to work in a collaborative team environment. Use of computing equipment.