GENERAL DESCRIPTION
Supports the Ellucian Colleague Systems and other related applications. Troubleshoots and develops custom programs to enhance the Colleague ERP system, analyzes functional processes, designs solutions and implements critical information systems. Develops, writes, tests, implements and maintains application programs; analyzes requests for feasibility and proposes alternatives for meeting the needs of the institution.

KEY RESPONSIBILITIES

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<tr>
<th>% OF TIME</th>
<th>1. * Develops, implements and maintains the Datatel Colleague ERP solution suite, Colleague portal, data warehousing, and other administrative software applications.</th>
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<tr>
<td>40%</td>
<td>2. * Oversees functional consulting and related software analysis services to HCC user departments in deploying and supporting assigned administrative applications.</td>
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<tr>
<td>25%</td>
<td>3. * Develops, documents, and maintains applications-related change management processes ensuring efficient, reliable, and secure administrative applications.</td>
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<tr>
<td>25%</td>
<td>4. Researches, evaluates, and tests new technologies appropriate for HCC providing strategic recommendations for administrative information systems and applications.</td>
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* Indicates an “essential” job function.
**KEY JOB REQUIREMENTS**

**Education:** Bachelors Degree in Information Systems, Computer Science or related field.

**Experience:** Three to five years of prior work related experience required. Solid Datatel Colleague ERP software experience in one or more application modules. Web-based application development and consulting experience highly preferred.

**Planning:** Plans and recommends specific technologies and services that are needed to complete projects. Most planning activities are project-based that could exceed one year but typically will not exceed three years. While the scope of most planning is departmental and/or divisional, some projects may have institution-wide strategic impact.

**Impact of Budget:** Provides supportive advice, analysis, or related services which impact the expense or revenues but with no formal authority to actually spend fiscal resources. Recommends specific technologies and services that are needed to complete projects.

**Impact of Decisions:** There is moderate responsibility for making recommendations and/or decisions which typically affect a department, but may at times, affect operations, services, individuals, and/or activities of the college. Position duties include responsibility for making project-based decisions.

**Complexity:** Work is non-standardized and widely varied requiring the interpretation and application of a substantial variety of procedures, policies, and/or precedents used in combination. Frequently, the application of multiple, technical activities is employed; therefore, analytical ability and inductive thinking are required. Problem solving involves identification and analysis of diverse issues. Many problems are unique and unique solutions are required.

**Decision Making:** Supervision is present to establish general objectives relative to a specific project, to outline the desired end product and to identify potential resources for assistance. Independent judgment is required to identify, select, and apply the most appropriate of available guidelines and procedures, analyze processes, interpret precedents, and adopt standard methods or practices to meet variations in facts and/or conditions.

**Problem Solving:** Problems are not easy to identify, but are similar to those seen before. Solving them requires judgment such as setting priorities, analyzing processes, evaluating resulting strategies, researching problem resolution databases that exist on-line, and timely escalation. A high degree of analytical ability and inductive thinking may be required to solve complex problems. Must be able to develop creative approaches to problems.

**Communications with Others:** Regular contact with internal departmental personnel involving considerable tact, discretion and persuasion in obtaining desired actions and/or the handling of difficult personal relationships. May involve communicating with professionals from other organizations relating to new software releases and problem resolution and working with vendors for technology hardware, software, and services.

**Supervision of Others:** May provide limited supervision for one or more functions within a department. Requires training and experience, requires an understanding and appreciation of work conducted in other departments.

**Job-Related Knowledge:** Requires extensive knowledge of administrative software applications, particularly one or more modules of the Datatel Colleague ERP software suite and related application programming tools. Able to integrate information from many diverse areas. Requires knowledge of administrative operations within higher education setting.

**Innovation/ Creativity:** Work constantly requires the development of innovative methods, procedures, processes and strategies. Many of the issues require unique creative approaches and solution strategies.

**Working Conditions/ Physical Effort:** Work requires only a modest amount of physical exertion and/or physical strain. Has the potential to be stressful during key business cycles. Substantial keyboarding is required in developing, testing, documenting and maintaining software applications.