Bus/CIT 2011-12

CIT - Specialized Server Support

Summary:

Funds for annual and monthly server software configuration changes, upgrades, and maintenance.

Description

The CIT department uses multiple servers for providing an environment where students can learn programming, web hosting, databases, and other needed technical skills. These services require regular major configuration changes, patches, and upgrades. We anticipate needing support for about 3 servers. We have both Linux and Windows servers offering web hosting solutions including Apache Web Server and IIS Web Server. Additionally, we are running both Oracle and MySQL databases. Many programming languages are required to be tested and used in supporting these servers including Python, PHP, C#, shell scripts and others. Each of the three servers will require about 80 hours of work per year. In addition to these, we anticipate needing about 10 hours per month for updates, minor configuration changes, and other maintenance. This brings the total hours to about 600 hours per year.

Questions and Answers

How is the initiative linked to the Unit Plans most recently submitted?

1. **How does it continue the achievement of those goals?**
2. **If this is a continuation of an initiative started last year, make sure that relationship is clear.**

How is this initiative linked to the efficiencies and productivities plans you had last year?

1. **How does it continue the achievement of these plans?**
2. **If this is a continuation of an efficiency or productivity plan started last year, make sure that relationship is clear.**

Describe the resources needed:

What specific measurable program outcomes do you expect to achieve with this initiative? The outcomes should be specific enough to be measurable. Also, outline the method that will be used to determine the results.

Department Priority:

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Unit Resources:

Funding Request: Carl Perkins

Funding Request: Curriculum Development

Funding Request: Technology Fee