### Part I. General Information

| Date of request: | May 2009 |
| Date required:   | Fall 2010 |
| Start date:      | Aug 2010 |

**Unit, Department or Program:** Math/Business Department

**Type of request:**
- Health and safety
- Program improvement
- New program
- Facilities, R&M
- Other

**Resources requested:**
- Positions
- Equipment
- Operating
- Reassigned Time (6 cr.)
- Other 1
- Other 2

**Alignment with Strategic Plan:** Outcomes 2.5, 2.6, 4.1, 4.3, 4.5, 4.6, 4.8, 5.2

**Amount**
- 6 cr. Position A = $7,578
- 6 cr. Position C = $10,644

**Total** $7,578 - $10,644

### Part II. Narrative - Description and Rationale

**Why is this request important?** *(what are the most important reasons for this request)*

WCC needs to be defined as a community college that supports an ongoing ICS curriculum. At present, several introductory courses are offered in the areas of applications, web design, programming, and video. A more robust offering of ICS courses would increase the persistence rate at the college as students would have more computer options that lead into a baccalaureate degree and/or higher-skilled and higher-waged jobs.

To master the needed computer proficiency for these fast-paced areas, ICS faculty need release time to learn the changing technology as well as to develop the online coursework for WCC students.

**Descriptive Summary of the Request** *(provide a summary of the resource request)*

Offer reassigned time for ICS faculty to develop emerging technology coursework as well as online offerings. New versions of operating systems (Windows 7, Mac 10.6 Snow Leopard), new software (Cornerstone Veterinary Software 7.5, Final Cut Pro), new versions of application programs (Office 2010, Dreamweaver CS4, Photoshop CS4, CamtasiaV6) and new course content (PHP, mysql and databases for ICS 113) need to be offered for WCC students to pursue high-skilled and high-waged workforce careers. Computing faculty need training to develop these emerging skills and development time to create effective online computing courses. (WCC outcome 5.2)

**Rationale for Request** *(how will the request benefit the unit, department, program or institution; alignment with Strategic Plan and other supporting documents, e.g., program review, annual assessments, department report, etc.)*

More robust computing curriculum will benefit the college in the following manner:
- Increase the diversity and number of programs offered by at least one per two years that can be completed via distance learning (Outcome 2.5)
- Expand curriculum that prepares students for information technology and shortage areas by adding one new course per year (Outcome 4.3)
- Promote STEM fields and careers by increasing STEM course enrollment by 3% per year (Outcome 4.5)
- Increase transfers to UH baccalaureate programs that lead to occupations with demonstrated state shortages with average page above $38,651 by 3% per year (Outcome 4.6)
- Increase the number of more full-bodied certificates by 3% per year in STEM areas (Outcome 4.8)

**Total**