CITI

The Commonwealth Information Technology Initiative

Strengthening, modernizing, and expanding IT education in all segments of public higher education

a BHE-funded effort
What is CITU?

- 3 year, $7 million program funded by the BHE.
- Strengthens, modernizes and expands information technology programs
  - Curriculum revision and creation
  - Faculty development
  - Collaborations among institutions
- Multidisciplinary
- Brings together faculty from University campuses, state colleges and community colleges.
- Engages industry.
Program Objectives

- Create systemic change in public higher education.
- Foster culture of collaboration for efficient use of resources.
- Build an IT fluent workforce for Mass employers.
Background Information

1990s - Information Revolution!

1998 - Mass IT workforce issue; #6 in total IT employment; #2 in “IT worker intensity.”
Department of Commerce study.

1999 - BHE funded study rates Mass higher ed IT programs as “average”, with some jewels

2000 - BHE forms IT task force; asks for leadership from the University

2000 - CITI program developed and funded
A 3 year, four point plan

- Regional cooperation
- IT across the curriculum
- Curriculum enhancement for technical disciplines
- Faculty development
## Budget

<table>
<thead>
<tr>
<th>Item</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>IT Across the Curriculum</td>
<td>886</td>
<td>1265</td>
<td>1465</td>
<td>3608</td>
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<td>Regional Cooperation</td>
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<td>Curriculum Enhancement</td>
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<td>Faculty Development</td>
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<td>Administration</td>
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<td>193</td>
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<td><strong>Totals</strong></td>
<td><strong>1,690</strong></td>
<td><strong>2,358</strong></td>
<td><strong>2,483</strong></td>
<td><strong>6,531</strong></td>
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Activities

- 140 grant proposals for $2 million; 77 awarded for 700k+; 24 institutions
- Computer Science Curriculum and Accreditation Workshop held; 43 faculty, 23 institutions
- JAVA Fundamentals workshop held; 33 faculty, 23 institutions
- UMass, Amherst IT minor underway
- Management structures created; faculty engaged
- Planning underway
Opportunities for UMass, Boston

- $300k grants for IT Across the Curriculum. (UMB, UMD, UML)
- $75k grant for distance learning technology for UMB
- $150k grants for curriculum enhancement in cs, ce, and mis - (system wide)
- Grants for regional cooperation - sharing faculty or courses, and articulation agreements.
- Faculty Development Workshops and Curriculum Seminars