MOTION
Motion to Support Creation of Undergraduate Certificate in Web Development
(Submitted by the Curriculum Committee)

Motion:
The Faculty Senate approves the proposal to create an Undergraduate Certificate in Web Development.

Rationale:
See the attached proposal.
The Department of Information Technology proposes to create an undergraduate certificate in
Web Development. The Department offers six concentrations including a concentration in Web
Development. Most IT majors choose a concentration other than Web Development, but many
students take the web classes due to the high demand for web skills. An undergraduate
certificate will provide these students with a valuable credential to increase their marketability.

Effective Date:
Reason for requesting an alternative effective date: Fall 2014
<table>
<thead>
<tr>
<th>Signature</th>
<th>Title</th>
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<tbody>
<tr>
<td></td>
<td>Department Curriculum Committee Chair</td>
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<td>Department Chair</td>
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<td>College Curriculum Committee Chair</td>
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<td>College Dean</td>
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If this proposal in any way affects a professional education program, it must be submitted to and approved by the Professional Education Committee and the Faculty Senate:

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<tr>
<td></td>
<td>Professional Education Committee Chair</td>
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<td>General Education Curriculum Advisory Committee Chair</td>
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<td></td>
<td>Faculty Senate President</td>
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<td>UG Curriculum &amp; Catalog Review Committee</td>
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<td>Provost and VP for Academic Affairs</td>
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NEW BACCALAUREATE CERTIFICATE PROPOSAL
CERTIFICATE NARRATIVE

Use the following outline to provide a narrative description of the Certificate. The Narrative and Budget are complementary documents that provide a comprehensive overview of the plan. I also encourage you to review and use the Policies and Procedures for the Development and delivery of Certificates (December 2004). This document provides a level of detail that can be valuable as you think through the fine points of certificate development.

CERTIFICATE ADMINISTRATION:
Provide information related to the department(s), college(s), and/or other interdisciplinary units, external partners or advisory boards that are involved in the certificate. Identify the primary administrative unit and contact person.

The Department of Information Technology will administer the undergraduate certificate in Web Development. Dr. Arthur Carter, Department Chair, is the primary contact.

CERTIFICATE DESCRIPTION & STATEMENT OF NEED:
Provide a description of the proposed certificate including a statement of need—target markets served, projected headcount and recruitment strategies and plans. (Provide copies of any surveys or other sources that document student demand.)

The Department of Information Technology offers two BS degrees: Computer Science and Technology (CS) and Information Science and Systems (IS). The IS degree offers a successful concentration in Web Development that has produced numerous graduates who are working professionally as web developers. As the lines separating web development from other areas of computer science continue to blur, web skills and experience are increasingly valuable to students pursuing concentrations in the Department’s CS program. Many CS students complete the web development classes but it is not feasible to complete the entire concentration. The undergraduate certificate in Web Development will provide a valuable credential for students who wish to develop web skills without completing the entire concentration.

The Certificate primarily targets students who are pursuing a B.S. degree in the Department of Information Technology. We anticipate interest from IT professionals who wish to continue their education. We feel that this certificate positions Radford to serve a larger community looking to bolster their professional credentials with knowledge and experience in Web Development.
CERTIFICATE SCOPE AND SEQUENCE:
Provide the following Information:

- List of courses and a semester-by-semester curriculum sequence, including a proposed begin and end date.

The undergraduate certificate is a subset of the Web Development concentration. No new courses will be developed. The Department currently offers all of the courses listed below.

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<th>Spring</th>
<th>Winter</th>
<th>Summer</th>
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<td>3</td>
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<td>X</td>
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- Number of semester hours included in the certificate.

The certificate requires a total of fourteen (14) credit hours. Students must complete ITEC 315 or ITEC 335.

- Statement of how the certificate curriculum fits within existing programs and is related to current course offerings.

The certificate cuts across five of the six concentrations offered by the Department. Students who complete the Web Development concentration will not be eligible to receive the undergraduate certificate.

- List of proposed new courses. (New course proposals should follow the regular approval procedures. Resources required for new courses must be approved through the college resource allocation process.)

The undergraduate certificate is a subset of the Web Development concentration. No new courses will be developed.

CERTIFICATE DELIVERY STRATEGIES
Describe how the certificate courses will be delivered, including:

- No changes will be made to the scheduling or delivery of the courses required for the undergraduate certificate.

- Plans to use distance and instructional technologies

Some courses are offered online to students on and off campus.
- Scheduling considerations, including alternative scheduling plans
  Not applicable.
- Staffing considerations, including faculty and support staff plans
  Current faculty and staff are sufficient
- Support service considerations, including library, advising, etc.
  Not applicable

**ADMISSIONS CRITERIA**
Describe the extent, if any, to which the proposed certificate’s admission criteria, continuation, and exit requirements differ from the requirements of graduate non-degree seeking students and related graduate degree programs. Indicate prerequisites or competencies for entry into the Certificate. Note: Admissions criteria can be more stringent but not less stringent than the university minimum requirements for non-degree applicants.

Applicants must be degree seeking students at Radford University in good standing and must successfully complete Web Programming I (ITEC 225), Web Programming II (ITEC 325), and Advanced Web Development (ITEC 425) with a grade of “C” or better.

**CERTIFICATE DURATION AND REVIEW PROCESS**
Describe the intended duration of the certificate, and the process for certificate review.

The certificate will be reviewed bi-annually (once every two years) and will continue as long as the review committee feels the certificate is successful, relevant, and valuable.