New Track, Minor, or Certificate Proposal Form

Instructions: All track, minor, or certificate proposals must be signed by the Chair and Dean and submitted to the Office of the Provost.

Faculty Initiating Request: Dr. Myungjae Kwak
Submission Date: 03/30/17

Department/School: School of Information Technology

Proposed Addition: .Track Minor  Certificate
Effective Date: Fall 2017

Program Title: Web Applications Development

Track Degree Program (if applicable): BS in IT

Provide a description of the new Track, Minor, or Certificate course exactly as it will appear in the catalog.

Web Applications Development Concentration (Credit: 24 hours)

The Web Applications Development concentration prepares students for the design, development, and implementation of web-based application solutions. Graduates will be prepared for a variety of careers including web development, software or systems developers, web application developers, or database programmers.

ITEC 3264 Data Structures
ITEC 3280 Web Programming
ITEC 4244 Database Programming
ITEC 4261 Java Programming
ITEC 4269 Client/Server Systems Programming
ITEC 4286 Web Applications Development
ITEC 4361 Software Security
ITEC 4366 Advanced Web Development

Rev. 6.23.15
Explain why the new curriculum is needed. For example, does it reflect disciplinary content that augments existing degree programs? Does it address regional industry needs? How does the curriculum align with the mission of the college?

Reflecting updated disciplinary content

Does this new track, minor, or certificate require new courses be added to the catalog?  ☐ Yes  ☐ No  
(Attach course proposals)

Will the new track, minor, or certificate require new faculty lines or other institutional resources?  ☐ Yes  ☐ No

If yes, explain:

For new minors:
Does the new minor adhere to BoR guidelines (http://www.usg.edu/academic_affairs_handbook/section2/C731/)?
☐ Yes  ☐ No  (Attach BoR minor notification form)

For new certificates:
Does the new certificate adhere to BoR guidelines (http://www.usg.edu/academic_programs/changes/certificates_guidelines/)?
☐ Yes  ☐ No  (Attach BoR certificate notification form)