

IDAHO STATE BOARD OF EDUCATION
ACADEMIC/PROFESSIONAL-TECHNICAL EDUCATION

NOTICE OF INTENT

To initiate a

**New, Expanded, Cooperative, Discontinued, program component or Off-Campus Instructional Program
or Instructional/Research Unit**

Institution Submitting Proposal:

UNIVERSITY OF IDAHO

Name of College, School, or Division:

Interdisciplinary certificate: College of Science, College of Business,
College of Engineering

Name of Department(s) or Area(s):

Department of Statistics

Indicate if this Notice of Intent (NOI) is for an Academic or Professional – Technical Program

Academic X Professional - Technical _____

A New, Expanded, Cooperative, Contract, or Off-Campus Instructional Program or Administrative/Research Unit (circle one) leading to:

Six Sigma Innovation & Design Certificate

(degree or certificate)

Proposed Starting Date:

Fall 2005

For New Programs:

For Other Activity:

Program (i.e., degree) Title & CIP 2000

- | | |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Program Component (major/minor/option/emphasis) |
| <input type="checkbox"/> | Off-Campus Activity/Resident Center |
| <input type="checkbox"/> | Instructional/Research Unit |
| <input type="checkbox"/> | Addition/Expansion |
| <input type="checkbox"/> | Discontinuance/consolidation |
| <input type="checkbox"/> | Contract Program |
| <input type="checkbox"/> | Other |

Approved by college dean **2/22/05**

College of Science Dean (Institution) Date

Approved by college dean **2/22/05**

College Business Dean (Institution) Date

Approved by college dean **2/16/05**

College Engineering Dean (Institution) Date

Approved by fiscal officer **3/1/05**

Chief Fiscal Officer (Institution) Date

Chief Academic Officer (Institution) Date

President Date

Approved by COG **6/8/05**

VP Research & Graduate Studies Date

State Administrator, SDPTE Date

Chief Academic Officer, OSBE Date

SBOE/OSBE Approval Date

Before completing this form, refer to the "Board Policy Section III.G. Program Approval and Discontinuance.

- Briefly describe the nature of the request e.g., is this a new program (degree, program, or certificate) or program component (e.g., new, discontinued, modified, addition to an existing program or option).

The courses in this sequence are part of the SBOE-approved programs in Statistics, Engineering, and Business and Economics.

- Provide a statement of need for program or a program modification. Include student and state need, demand, and employment potential. **Attach a Scope and Sequence, SDPTE Form Attachment B, for professional-technical education requests.** (Use additional sheets if necessary.).

Six Sigma Innovation & Design strategies are integral to the way that an increasing number of organizations do business and have, in fact, become an integral part of company culture. Use of Six Sigma approaches to organizational prosperity spans healthcare, manufacturing, financial and numerous other sectors, public and private alike.

Among leading companies embracing Six Sigma are Boeing, GE, DuPont, 3M, IKON, Raytheon, Deloitte & Touche, Lockheed-Martin, Rolls Royce, and many others. Organizations with significant regional presence that have embraced Six Sigma include Micron Technologies, Hewlett-Packard, and Schweitzer Engineering.

Indeed, Six Sigma strategies and methods can be used to improve business performance essentially irrespective of business sector or size of organization with many of the previously cited companies requiring Six Sigma training for all employees. Demand for Six Sigma expertise is easily documented, with searches at such websites as www.monster.com and www.careerbuilder.com generally posting more than 2,000 Six Sigma positions at any given time.

- Briefly describe how the institution will ensure the quality of the program (e.g., accreditation, professional societies, licensing boards, etc.).

Courses are currently being offered and meet SBOE requirements, and the requirements of the Colleges of Science, Engineering, and Business and Economics.

- Identify similar programs offered within the state of Idaho or in the region by other colleges/universities. If the proposed request is similar to another program, provide a rationale for the duplication.

No other known Six Sigma-related certificate programs exist in the state or region at this time.

- Describe how this request is consistent with the State Board of Education's policy or role and mission of the institution. (i.e., centrality).

These certificate courses will be delivered through a combination of "live" instruction and Web-supported DVD media through Engineering Outreach. This "hybrid" approach will meet the needs of outreach students seeking coursework in the focus area of Six Sigma Innovation and Design.

- Is the proposed program in the 8-year Plan? Indicate below.

Yes x No

If not, provide a justification for adding the program.

- Resources--Faculty/Staff/Space Needs/Capital Outlay. (Use additional sheets if necessary.):

Estimated Fiscal Impact	FY <u> *N/A </u>	FY <u> *N/A </u>	FY <u> *N/A </u>	Total
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*** No additional resources are required or requested.**

A. Source of Funds

	_____	_____	_____	_____
1. Appropriated-reallocation	_____	_____	_____	_____
2. Appropriated – New	_____	_____	_____	_____

3. Federal				
4. Other:				
TOTAL:				
B. Nature of Funds				
1. Recurring *				
2. Non-recurring **				
TOTAL:				

* **Recurring is defined as ongoing operating budget for the program, which will become of the base.**
 ** **Non-recurring is defined as one-time funding in a fiscal year and not part of the base.**