

Notification of Request for Authorization under the Degree-Granting Institutions Act

Date posted: May 17, 2013

Institution: ITT Technical Institutes Everett and Seattle

Current status: Authorized to offer degree programs at the campuses in Everett and Seattle, Washington

Nature of request: Authorization to offer three additional degree programs at both campuses

Proposed programs:
Associate of Applied Science in Industrial Engineering Technology
Associate of Applied Science in Software Development
Bachelor of Science in Software Development

Washington sites where the program will be offered:

ITT Technical Institute-Everett
1615 75th Street SW, Suite 220
Everett, WA 98203

ITT Technical Institute-Seattle
12720 Gateway Drive, Suite 100
Seattle, WA 98168

Background:

ITT Technical Institute-Everett and ITT Technical Institute-Seattle are both authorized to offer degree programs in Washington State. Both institutes are accredited by the Accrediting Council for Independent Colleges and Schools (ACICS) as branch campuses of ITT Technical Institute-Spokane.

Nature of the review:

Prior to granting authorization to offer new degree programs in Washington State, the Washington Student Achievement Council/Degree Authorization reviews elements such as program outcomes, course requirements, method of course delivery, faculty credentials, and student services.

The programs to be offered by ITT Technical Institute Everett and ITT Technical Institute Seattle appear to meet the requirements of the Degree-Granting Institutions Act.

Information on the additional programs can be found at the end of this notice.

Timeline:

The Council will accept comments on this application until May 31, 2013.

Any individuals with knowledge that may indicate the institution and/or the program does not meet the authorization requirements of WAC 250-61 are requested to submit comments to:

[Degree Authorization](#).

If you would like to know more about the current law and regulations that govern the program, they can be found at the following links: the statute is [RCW 28B.85](#) and the regulation is [WAC 250-61](#).

Program Title:

Associate of Applied Science in Industrial Engineering Technology

Program Outcomes:

“This program exposes students to a variety of fundamental skills utilized in entry-level industrial and manufacturing positions. Students will be exposed to various aspects of optimization, human factors, economic analysis, industrial planning procedures, computer applications, and report and presentation preparation.”

“This program offers graduates an opportunity to develop knowledge and skills that can help them pursue employment in a variety of entry-level positions that utilize various aspects of industrial engineering technology in both service and manufacturing organizations.”

Number of Credits: 93 quarter credits

Mode of Delivery: Available both residentially as well as via distance learning

Required Courses: (all courses are 4.5 credits each unless otherwise noted)

General Education Courses: (31.5 credits)

MA1210 College Mathematics I

MA1310 College Mathematics II

EN1320 Composition I

EN1420 Composition II

CO2520 Communications

PH2530 Physics

ES2555 Survey of Economics

Core courses: (49.5 credits)

IE1110 Introduction to Industrial Engineering Technology

IE1210 Manufacturing Processes

IE1215 Basic Industrial Engineering Graphics

IE1310 Work Measurements

IE1320 Lean Manufacturing

IE1410 Human Factors

IE1420 Statistical Process Control

IE2510 Industrial Safety

IE2515 Facilities Design

IE2620 Cost Estimating

IE2799 Industrial Engineering Technology Capstone

General Studies Courses: (12 credits)

GS1140 Problem Solving Theory

GS1145 Strategies for the Technical Professional

GS2745 Advanced Strategies for the Technical Professional (3 credits)

Program Title:

Associate of Applied Science in Software Development

Program Outcomes:

“This program exposes students to a variety of fundamental skills used in entry-level software development, software analysis and application design positions. Students will be exposed to various aspects of programming, databases, website design and the development of a software product.”

“This program offers graduates an opportunity to develop knowledge and skills that they can use to help them pursue careers in a variety of entry-level programming, application design and software development positions, such as Web developer, systems analyst, database programmer or testing analyst.”

Number of Credits: 93 quarter credits

Mode of Delivery: Available both residentially as well as via distance learning

Required Courses: (all courses are 4.5 credits each unless otherwise noted)

General Education Courses: (27 credits)

MA1210 College Mathematics I

MA1310 College Mathematics II

EN1320 Composition I

EN1420 Composition II

CO2520 Communications

SP2750 Group Theory

Core courses: (54 credits)

NT1110 Computer Structure and Logic

SD1230 Introduction to Application Design and Development

SD1240 Creating Websites Using HTML and CSS

SD1340 Creating Websites Using HTML5, CSS3 and JavaScript

PT1420 Introduction to Programming

SD1420 Introduction to Java Programming

SD1430 Introduction to Mobile Operating Systems

SD2520 Introduction to Database and XML with jQuery

SD2550 Application Development Using Java I

SD2650 Application Development Using Java II

SD2670 Social Networking Applications and Technology

SD2799 Software Development Capstone Project

General Studies Courses: (12 credits)

GS1140 Problem Solving Theory

GS1145 Strategies for the Technical Professional

GS2745 Advanced Strategies for the Technical Professional (3 credits)

Program Title:

Bachelor of Science in Software Development

Program Outcomes:

“This program exposes students to a variety of skills utilized in entry-level software design, software administration and software development positions. Students will be exposed to knowledge and skills of programming, website design and development, and mobile application design and development.”

“This program offers students an opportunity to develop knowledge and skills that can help them pursue careers in a variety of entry-level programming, application design and software development positions, such as programmer, software engineer, web developer, and application developer.”

Number of Credits: 180 quarter credits

Mode of Delivery: Available both residually as well as via distance learning

Required Courses: (all courses are 4.5 credits each unless otherwise noted)

General Education courses: (54 credits)

MA3110 Statistics
SS3150 Research Methods
EN3220 Written Analysis
SP3450 Social Psychology
HU4640 Ethics
SC4730 Environmental Science
Unspecified GE courses (27 credits)

Core Courses:

SD3120 Programming in Open Source with LAMP
SD3140 Introduction to Web Interface Design
SD3220 Programming in Objective C
SD3240 Creating Websites in the LAMP Environment
SD3320 Programming in Visual Basic
SD3350 Application Development Using Objective C I
SD3440 Creating Websites Using ASP.NET
SD3450 Application Development Using Objective C II
SD4550 Application Development Using Visual Studio I
SD4555 Development for Web Analytics Applications
SD4650 Application Development Using Visual Studio II
SD4660 Security in Application Development
SD4680 Cloud Computing with Google App Engine and Microsoft Windows Azure
SD4799 Software Development Capstone Project

Unspecified/Elective Core courses (54 credits)

The following courses would satisfy the unspecified core requirement:

NT1110 Computer Structure and Logic
PT1420 Introduction to Programming
SD1230 Introduction to Application Design and Development^S
SD1240 Creating Websites Using HTML and CSS
SD1340 Creating Websites Using HTML5, CSS3 and JavaScript

SD1420 Introduction to Java Programming
SD1430 Introduction to Mobile Operating Systems
SD2520 Introduction to Database and XML with jQuery
SD2550 Application Development Using Java I
SD2650 Application Development Using Java II
SD2670 Social Networking Applications and Technology
SD2799 Software Development Capstone Project
Electives: (9 credits)