INTERNET APPLICATION DEVELOPMENT CERTIFICATE

Program Website: https://www.towson.edu/fcsm/departments/computerinfosci/grad/application-development-certificate.html

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The Graduate Certificate in Internet Application Development covers the study, design, development, implementation and support of computer-based information systems for the Web. This program provides graduate-level education in IT for students preparing to enter the high-tech work force and those already in the work force who wish to update and enhance their skills. This course of study can be completed as a stand-alone graduate certificate or applied to the M.S. degree program in Applied Information Technology. The program is intended for students who have a bachelor's degree in information technology, computer science, computer information systems or a related field, who will enter the program for advanced studies. The program may also be of interest to persons who:

- Do not have a bachelor's degree in the field, but are currently employed in the IT field and are seeking additional academic studies for professional growth or to advance their careers.
- Have a bachelor's degree in a discipline other than IT who are seeking preparation for careers in this field.

Requirements

Admission Requirements

Application deadlines and a full listing of materials required for admission can be found on the website.

Certificate Requirements

Code	Title	Units
Required Courses		
AIT 600	INFORMATION TECHNOLOGY INFRASTRUCTURE	3
AIT 610	SYSTEMS DEVELOPMENT PROCESS	3
AIT 616	FUNDAMENTALS OF WEB TECHNOLOGIES AND DEVELOPMENT	3
AIT 618	CLIENT/SERVER-SIDE PROGRAMMING ON THE WEB	3
AIT 715	CASE STUDIES IN INTERNET APPLICATIONS	3
Total Units		**15**

Learning Outcomes

1. Understand the information technology infrastructure and its place and value in today's business.
2. Work effectively in teams and communicate effectively, both orally and in writing.
3. Use their proficiency to solve a variety of problems.
4. Prepare, present and develop proposals and solutions for today's governmental and industrial needs.