

Applied Bachelor's Degree Information Technology Application Development – Computing & Software Development

What?

LWTech is starting an Applied Bachelor's Degree in Computing & Software Development. It is an intense two-year program where a cohort of students gain practical computer science skills in a hands-on classroom environment. Some classes will be hybrid. Students will be prepared to work for a variety of companies, or as independent contractors, designing and supporting software in a wide array of industries.

Who?

This degree is designed for students with these associates degrees:

- LWTech CSD
- LWTech Computer Science MRP-DTA
- Software Development emphasis from another college or university
- Computer Science emphasis from another college or university

When?

Classes will start Fall 2017. Cohorts will start each Fall.

How?

Students who meet the published minimal qualifications including grades and pre-requisites, will be accepted on a first-come-first-serve basis. A wait-list will be created for applicants applying after the cohort is full. Approximately 25 students will be admitted.

How much?

Tuition for 2016-17, for applied baccalaureate students taking 15 credits each quarter, here is the cost of the program: \$2,326.85 x 6 quarters = \$13,961. This does not include books, supplies, course fees, or the Fall Bridge Program (see below,) which will be an additional cost varying by course.

How to plan ahead?

These pre-prerequisites are required:

- ENGL& 101 English Composition – 5 credits
- MATH& 142 Pre-Calculus II – 5 credits
- CS 143 Computer Science II OR equivalent Computer Programming II course – 5 credits
- Humanities Elective: any 5-credit Humanities course approved for AAS-T degree – 5 credits
- Social Sciences Elective: any 5-credit Social Sciences course approved for AAS-T degree (From 2nd distribution area) – 5 credits

Admitted students with a Computer Science background will take a Fall Bridge Program to learn application development software, with classes such as these:

- CSD 122 JavaScript and jQuery – 5 credits
- CSD 138 Structured Query Language (SQL) – 5 credits
- CSD 268 QA Methodologies – 5 credits

Admitted students with an Application Development background will take a Fall Bridge Program to gain the necessary math knowledge with this class:

- Math& 141 Pre-Calculus II

** Note: Financial Aid eligibility for the Fall Bridge program varies by type of student. See the Financial Aid Department for guidance.

The Future?

Students graduating with a degree in application development/software development will be prepared to work in in one more capacities: software designer, software coder.

Demand/Wages

	King	What does a Software Developer do?
Average annual wage (2016Q1):	\$125,439	Develop, create, and modify general computer applications, software or specialized utility programs. Analyze user needs and develop software solutions. Design software or customize software for client use with the aim of optimizing operational efficiency. May analyze and design databases within an application area, working individually or coordinating database development as part of a team. May supervise computer programmers.
Average hourly wage (2016Q1):	\$60.31	
Short-term trend:	Growth	
Long-term trend:	Growth	
Estimated employment (2014):	53,582	
Average annual total openings (2014-2024):	5,951	
Average annual growth rate (2014-2024):	3.3%	

More info?

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