



STEM



**Associate in Applied Science in  
Internet Development Technologies  
(Web Application Development Track) to  
Bachelor of Applied Arts and Sciences  
Guided Pathway  
Effective for the 2019-2020 catalog<sup>1</sup>**

UNT



BACHELOR OF APPLIED ARTS & SCIENCES  
Experience  
Discovery  
Collaboration  
Application

**First Year – El Centro College<sup>2</sup>**

FIRST SEMESTER	SECOND SEMESTER
IMED 1416 – Web Design I	COSC 1301 – Introduction to Computing
<sup>c</sup> ENGL 1301 – Composition I (010)	COSC 1436 – Programming Fundamentals I
<sup>c</sup> MATH 1314 – College Algebra (020)	IMED 2415 – Web Design II
<sup>c</sup> SPCH 1311 – Introduction to Speech Communication (090) <b>OR</b> <sup>c</sup> SPCH 1315 – Public Speaking (090) <b>OR</b> <sup>c</sup> SPCH 1321 – Business and Professional Communication (090)	<sup>c</sup> Humanities/Fine Arts Elective* (040 OR 050)
	Technical Elective+

Total Semester Hours: 13

Total Semester Hours: 15

**Second Year – El Centro College**

It's best to apply to University of North Texas a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER	SECOND SEMESTER
ITSE 2402 – Intermediate Web Programming	INEW 2434 – Advanced Web Programming
ITSC 1405 – Introduction to PC Operating Systems <b>OR</b> ITSE 2409 – Database Programming	ARTV 2470 – Handheld Device Web Application Development
COSC 1437 – Programming Fundamentals II	ARTV 2471 – Android Application Programming
Technical Elective+	COSC 2436 – Programming Fundamentals III
<sup>c</sup> Social/Behavioral Science Elective* (060, 070 OR 080)	

Total Semester Hours: 16

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**AAS: Internet Development Technologies (Web Application Development Track) (60 hours)**

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

**Third Year Courses – University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
BAAS 3020 - Inquiry and Discovery	BAAS 3000 – Pathways to Civic Engagement
<sup>c</sup> ENGL 1320 – College Writing II (ENGL 1302)	<sup>c</sup> PSCI 2306 - US and Texas Constitutions and Institutions (GOVT 2306)
<sup>c</sup> PSCI 2305 – American Gov't: Process & Policies (GOVT 2305)	<sup>c</sup> Life and Physical Science, or Math if science course taken in first year.
<sup>c</sup> Life and Physical Science, or Math if science course taken in first year.	BCIS 3610 – Basic Information Systems (Conc. 2)
BCIS 2610 – Introduction to Computers in Business (Conc. 2)	3XXX-4XXX Concentration 3

Total Semester Hours: 15

Total Semester Hours: 15

**Fourth Year Courses – University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
<sup>c</sup> HIST 2610 – US History to 1865 (HIST 1301)	BAAS 4100 - Managing a 21 <sup>st</sup> Century Career
<sup>c</sup> Component Area Option 3XXX-4XXX	<sup>c</sup> HIST 2620 – US History since 1865 (HIST 1302)
3XXX-4XXX Concentration 3	<sup>c</sup> Fine Arts course or Humanities if Fine Arts taken in first year. 3XXX-4XXX Level
3XXX-4XXX Concentration 3	3XXX-4XXX Concentration 3
BCIS 3620 – Mainframe Concepts (Cons. 2)	BCIS 4610 – Analysis of Business Information Systems (Conc. 2)

Total Semester Hours: 15

Total Semester Hours: 15

**This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.**

Part-time students may also follow this sequence. Developmental coursework may be required.

<sup>1</sup> You may use this pathway if you entered one of the seven colleges on or before this date.

<sup>2</sup> Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by one of the seven colleges of the DCCCD awarding the degree.

<sup>c</sup> This course counts for the Core Curriculum at any public college or university in Texas.

\* There are several options to fulfill this requirement. See your academic advisor for a specific list.

+ Technical Electives must be selected from the one-credit hour courses as follows: IMED 1191, ITCC 1191, ITNW 1192, ITSC 1171, ITSC 1191, ITSE 1191, ITSY 1191

You must earn a grade of "C" or better in English 1301 and the selected college-level mathematics course.

(j) Course numbers shown in parentheses are equivalent to these courses at UNT.

Approved: 2019-2020 Guided Pathway

UNT Concentrations:

In this plan, one Applied Arts and Science concentration is drawn from the community college coursework. A second is shown for illustration, and a third left open. There are many other possible concentrations that can be selected in consultation with your academic advisor.

*For questions about the University portion of this degree plan, contact the UNT Applied Arts and Sciences Unit Office at (940) 369-8129, [baas@unt.edu](mailto:baas@unt.edu) <http://baas.unt.edu>*