Course Descriptions

Need Academic Advice??

Advising

Return to Areas of Study

AAS – Web and Mobile Development

60 credit hours

FIRST YEAR

First Semester

COSC	1315	Introduction to Computer Programming [1]
ENGL	1301	Composition I
ITSE	1301	Web Design Tools - Graphics
ITSE	1311	Beginning Web Programming
GEN ED		Mathematics course [2]

Second Semester

IMED	1341	Interface Design
ITNW	1358	Network+
ITSE	1330	Introduction to C# Programming
ITSE	1359	Introduction to Scripting Languages - Python [3]
ITSE	2302	Intermediate Web Programming
ITSE	2309	Database Programming - SQL

Summer Semester

GEN ED	Humanities / Fine Arts course
GEN ED	Social / Behavioral Sciences course

SECOND YEAR

First Semester

ITSE	1306	PHP Programming
ITSE	1333	Mobile Applications Development
ITSE	2353	Advanced C# Programming
GEN ED		Speech course

Second Semester

INEW	2334	Advanced Web Programming
ITSE	2374	Web and Mobile Application Development (Capstone)[4]
ELECTIVE		

1. May substitute COSC 1336
2. MATH 1314 or MATH 1324 or MATH 1332
3. May substitute COSC 1337
4. May substitute ITSC 2380

***Elective (3 credit hours) Choose one course from the following:**
Front-end Development: ITSE 2313
Back-end Development: ITSC 1316, ITSE 2347
Mobile development: ITSE 1373, ITSE 2310, ITSE 2343

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Course Descriptions

Need Academic Advice??

Advising

Return to Areas of Study

Certificate Level 1 – Front-end Web Developer

18 credit hours

Summer Semester

ITSE 1311 Beginning Web Programming

First Semester

IMED 1341 Interface Design

ITSE 1301 Web Design Tools - Graphics

ITSE 2302 Intermediate Web Programming

Second Semester

ITSE 2313 Web Authoring [1]

ITSE 2374 Web and Mobile Application Development (Capstone) [2]

1. May substitute INEW 2334
2. May substitute ITSC 2380

COMMUNITY & BUSINESS

If it has been a while since you have visited a campus, check out the resources below or stop by a campus near you for more information.

COMMUNITY & BUSINESS ›

- Alumni ›
- Community Meeting Facilities ›
- Community Newsletter ›
- Continuing Education ›
- Corporate College ›
- Foundation/Giving ›
- Libraries ›
- Public Information Request ›
- Public Relations ›
- Recruiting Collin Students ›
- Senior Adults (SAIL) ›
- Small Business Dev. Center ›

ITSE	1306	Introduction to PHP
INEW	2334	Advanced Web Programming
ITSE	2353	Advanced C# Programming
ITSE	2309	Database Programming - SQL
ELECTIVE*		

Second Summer Semester

ITSE	2374	Web and Mobile Application Development (Capstone)[1]

1. May substitute ITSC 2380

***Elective (3 credit hours) :** ITSC 1316, ITSE 2313, or ITSE 1333

Course Descriptions

Need Academic Advice??

Advising

Return to Areas of Study

Certificate Level 2 – Mobile Application Developer

27 credit hours

Students must be TSI complete

First Summer Semester

COSC	1315	Introduction to Computer Programming[1]
ITSE	1311	Beginning Web Programming

First Semester

IMED	1341	Interface Design
ITSE	1330	Introduction to C# Programming
ITSE	2302	Intermediate Web Programming

Second Semester

INEW	2334	Advanced Web Programming [2]
ITSE	1333	Mobile Applications Development
ELECTIVE*		

Second Summer Semester

ITSE	2343	Advanced Mobile Programming (Capstone) [3]

1. May substitute COSC 1436
2. May substitute COSC 1337
3. May substitute ITSC 2380 or ITSE 2374

***Elective (3 credit hours):** ITSE 1373, ITSE 2309, or ITSE 2310

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