

# IT Mobile Applications Developer

PROGRAM CODE: 10-152-8



Associate Degree



COURSE	CREDITS
ENG-195	Written Communication ‡ ..... 3 (or) ENG-201 English 1 ‡
ITDEV-110	Introduction to Object-Oriented Programming ‡ ..... 3
ITDEV-117	Logic and Problem-Solving..... 3
WEBDEV-114	Web Development With HTML/CSS ..... 3
ENG-197	Technical Reporting ‡ ..... 3 (or) Any 200-level ENG or SPEECH course
ITDEV-115	Intermediate Object-Oriented Programming ‡ ..... 3
ITDEV-140	Programming With Java ‡ ..... 3
ITDEV-150	Database Management With SQL ..... 3
ITDEV-160	Web Programming With Scripts (JavaScript) ..... 3
ITDEV-154	Data Structures and Programming ‡ ..... 3
ITDEV-161	Web Programming 1 ‡ ..... 3
ITDEV-181	Mobile Application Development ‡ ..... 3
MATH-123	Math With Business Applications ‡ ..... 3 (or) Any 200-level MATH course
PSYCH-199	Psychology of Human Relations ..... 3 (or) Any 200-level PSYCH course
ELECTIVES	(Three credits) ..... 3
IT-107	Social Networking and Business Communications ..... 3
ITDEV-177	Systems Analysis and Design ‡ ..... 3
ITDEV-182	Hybrid Mobile App Development ‡ ..... 3
ITDEV-184	iPhone and iOS Mobile App Development ..... 3
SOCSCI-197	Contemporary American Society ..... 3 (or) Any 200-level SOCSCI or HIST course

**Location:** Downtown Milwaukee Campus

**Start Dates:** August and January

**Admission Requirement:** High school diploma or GED and one year of high school-level algebra

**Transfer:** Will transfer to one or more four-year institutions

**Financial Aid Eligible:** Yes.

Apply at [fafsa.gov](https://fafsa.gov). Use School Code 003866.

### Program Description

Develop your skills in software development with an emphasis on creating mobile applications. You will learn essential programming skills while developing mobile applications for both iOS and Android platforms.

### Career Outlook

There is a growing need for qualified mobile application developers. Graduates of this program also may find employment in programming or operations and systems analysis.

### Program Learning Outcomes

- Gather mobile requirements.
- Design mobile applications.
- Integrate mobile data technologies.
- Build mobile applications.
- Develop technical documentation for mobile applications.
- Implement current platforms support.



Complete Program Details

QUESTIONS? 414-297-6319 or [stempathway@matc.edu](mailto:stempathway@matc.edu)

### CREDITS

Total credits needed to complete this degree

# 60

‡ Prerequisite required.

Program curriculum requirements are subject to change.

**Current MATC students should consult their Academic Program Plan for specific curriculum requirements.**