

APPENDIX A
WESTMORELAND Associate of Applied Arts degree in Computing Technology:
Programming to
W&J Bachelor of Arts degree in Computing & Information Studies

*Note: Courses listed below must be completed to complete a 2+2 program-to-program track.
The pathway outlined below is recommended. Timeline and course order may vary per student.*

WESTMORELAND COUNTY COMMUNITY COLLEGE

1st Semester (Fall)

PDV 101	First Year Seminar
CPT 145	Intro to Computer Technology
CPT 150	Microcomputer Concepts
CPT 156	Programming in Python
CPT 160	Intro to Programming
ENG 161	College Writing

2nd Semester (Spring)

MTH 157	College Algebra
OFT 100	Basic Keyboarding
CPT 180	C++ Programming
CPT 182	Operating Systems
CPT 196	Access for Windows
ENG 162	Technical Communication

3rd Semester (Fall)

CPT 163	Java Programming I *
CPT 201	Web Content Development
CPT 203	HTML and CSS *
CPT 235	Database Management Systems
CPT 271	PHP & SQL *

4th Semester (Spring)

SOC 155	Principles of Sociology
CPT 206	JavaScript
CPT 213	Java Programming II *
CPT 286	System Analysis and Design
SPC 155	Effective Speech

WASHINGTON & JEFFERSON COLLEGE

1st Semester (Fall)

CIS elective (2)

200 level

ENG 111 Composition

Modern Language

depends on placement

2nd Semester (Spring)

CIS 100 Information Technology & Society

CIS 271 Digital and Social Media

Modern Language

depends on placement

Elective

with LITER, LOGIC, SCIEN, and/or DIVER designation (as needed)

3rd Semester (Fall)

CIS 301 or 310

CIS elective

300 level

Electives (2)

with LITER, LOGIC, SCIEN, and/or DIVER designation (as needed)

4th Semester (Spring)

CIS 400 Service Learning Project Management

CIS elective

300 level

Electives (2)

with LITER, LOGIC, SCIEN, and/or DIVER designation (as needed)

* cannot be taken online