

**PVCC CURRICULUM SHEET 2016-2017**

**Information Systems Technology**

**Specialization in Cybersecurity**

**Associate of Applied Science**

Code: 299-06

NOT designed as a Transfer Program

Student Name: \_\_\_\_\_ Student ID Number: \_\_\_\_\_

DEVELOPMENTAL COURSES (IF APPLICABLE)	REQUIRED COURSES	COURSE DESCRIPTION	CREDITS	PLAN TO TAKE	GRADE
	SDV 100/101	Orientation	1		
	ENG 111	College Composition I	3		
	ENG 112	College Composition II	3		
	MTH 115	Technical Mathematics I <sup>1</sup>	3		
	_____	Humanities Elective <sup>2</sup>	3		
	_____	Social Science Elective <sup>2</sup>	3		
	CSC 110	Introduction to Computing	3		
	ITE 215	Advanced Computer Applications	4		
	ITN 101	Intro to Network Concepts	4		
	ITN 106	Microcomputer Operating Systems	3		
	ITN 111	Windows Server Admin.	3		
	ITN 170	Linux System Administration	3		
	ITN 208	Protocols and Communications	3		
	ITN 260	Network Security Basics	4		
	ITN 261	Network Attacks, Computer Crime and Hacking	4		
	ITN 276	Computer Forensics I <sup>5</sup>	3		
	ITP 120	Java Programming	4		
	ITP 140	Client Side Scripting	4		
	IT_ _____	Technical Electives <sup>4</sup>	6		

**Total Minimum Credits to Complete the A.A.S. Degree in Information Systems Technology = 64**

<sup>1</sup>Students may substitute a higher-level math course to include MTH 152, 157, 163, 164, 173, 180, or 240

<sup>2</sup>Allowed electives are: ACC 211, BUS 200, BUS 220, ECO 201, ECO 202, FIN 215, MKT 100, ART 180, CST 100, or any social science.

<sup>3</sup>List of courses that fulfill the requirement for the Humanities Elective can be found on the back of this sheet. Introductory (101 or 102 level) foreign language courses will not meet the humanities elective requirement for this program.

<sup>4</sup>Approved IT Technical elective: ITD 130, ITP 132, ITP 136, ITP 220, IT\_290 Internship

<sup>5</sup>**Graduation Requirement:** 1. Students entering the Information Systems Technology degree program are required to take a Writing Intensive Course, which has a prerequisite of ENG 111 and ENG 112, in order to graduate. The Writing Intensive course for this degree program is **ITN 276**. Students who are awarded transfer academic credit for this course from another institution may fulfill the Writing Intensive Course (WIC) requirement for this degree program by completing another Writing Intensive Course (WIC). 2. Earned a cumulative grade point average of at least 2.0 and in good standing.

## Sequence of PVCC Developmental English Courses

ENF 1 → ENF 3/ENG 111 or ENG 111

ENF 2 → ENF 3/ENG 111 or ENG 111

### Sequence for ESL Students:

ESL 12 → ESL 13 → ENG 111

## Sequence of PVCC Developmental Math Courses

MTE 1 → MTE 2 → MTE 3 → MTE 4 → MTE 5

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MTE 9 ← MTE 8 ← MTE 7 ← MTE 6

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### Approved Humanities Course Electives

**ARA\*** 101, ARA 102, ARA 201, ARA 202

**ART** 100, ART 101, ART 102, ART 121, ART 122, ART 125, ART 131, ART 132, ART 138, ART 153, ART 154, ART 231, ART 232, ART 235, ART 236, ART 241, ART 242, ART 259, ART 271, ART 272

**ASL\*** 101, ASL 102, ASL 201, ASL 202

**CHI\*** 101, CHI 102, CHI 201, CHI 202

**CST** 130, CST 131, CST 132, CST 141, CST 229, CST 250

**DAN** 200

**ENG** 211, ENG 212, ENG 241, ENG 242, ENG 243, ENG 244, ENG 250, ENG 251, ENG 252, ENG 253, ENG 254, ENG 255, ENG 273

**FRE\*** 101, FRE 102, FRE 201, FRE 202

**GER\*** 101, GER 102, GER 201, GER 202

**HUM** 201, HUM 202, HUM 241, HUM 259

**ITA\*** 101, ITA 102, ITA 201, ITA 202

**JPN\*** 101, JPN 102, JPN 201, JPN 202

**LAT\*** 101, LAT 102, LAT 201, LAT 202

**MUS** 121, MUS 122, MUS 221, MUS 225

**PHI** 100, PHI 111, PHI 200, PHI 220, PHI 227, PHI 260

**REL** 200, REL 210, REL 215, REL 216, REL 230, REL 233, REL 237, REL 240, REL 246

**RUS\*** 101, RUS 102, RUS 201, RUS 202

**SPA\*** 101, SPA 102, SPA 201, SPA 202

\* 100 level foreign language courses may NOT be used to satisfy the humanities graduation requirement in programs where only one humanities course is required. In programs with two humanities courses, only one 100 level foreign language course may be used to satisfy the humanities graduation requirement.

**Note to students transferring credits TO PVCC:** Transferred courses may fulfill a requirement under PVCC's approved electives (above). To receive credit for a specific PVCC elective from transferred courses, registrar's approval will be required.

**Note to students transferring credits FROM PVCC TO FOUR-YEAR INSTITUTIONS:** Although a course fulfills a requirement for a PVCC program, it is possible the same course will not fulfill a requirement at a four-year institution. Students who plan to transfer need to be aware of the four-year institution's requirements.

**Note:** Students may petition the appropriate dean to substitute a course not listed on this list.

### Approved Mathematics Course Electives

**MTH** 152, MTH 157, MTH 163, MTH 164, MTH 173, MTH 174, MTH 180, MTH 240, MTH 271, MTH 277, MTH 279, MTH 286

### Approved Science with Lab Course Electives

**BIO** 101, BIO 102, BIO 106, BIO 107, BIO 141, BIO 142, BIO 150, BIO 206, BIO 256, BIO 270

**CHM** 101, CHM 102, CHM 111, CHM 112, CHM 241, CHM 242, CHM 243, CHM 244, CHM 260, CHM 261

**GOL** 105, GOL 106, GOL 111

**NAS** 131, NAS 132

**PHY** 100, PHY 201, PHY 202, PHY 241, PHY 242

### Approved Social Science Course Electives

**ECO** 201, ECO 202

**GEO** 210

**HIS** 101, HIS 102, HIS 111, HIS 112, HIS 121, HIS 122, HIS 127, HIS 141, HIS 142, HIS 270, HIS 276, HIS 277, HIS 281, HIS 282

**PLS** 135, PLS 211, PLS 212, PLS 215, PLS 216, PLS 225, PLS 241, PLS 242

**PSY** 200, PSY 215, PSY 230, PSY 235

**SOC** 200, SOC 210, SOC 215, SOC 225, SOC 252, SOC 266, SOC 268