MODESTO CITY SCHOOLS
COURSE OUTLINE

Course Title	Procedural Programming OLL S1 Procedural Programming OLL S2
Course Number	OLL06471 OLL06472
Recommended Grade	☐ 7 ☐ 8 ☒ 9 ☒ 10 ☒ 11 ☒ 12
Duration	☐ Quarter ☒ Semester
Credit	☐ 2.5 ☒ 5 ☐ 10
Repeatable for Credit	☐ Yes ☒ No
Required for Graduation	☐ Yes ☒ No
Meets Graduation Requirement	☒ Yes ☐ No
CALPADS Course Number	8131
CALPADS Course Name	Intermediate Systems Programming
Meets UC/CSU Requirements	☐ Yes ☐ No If yes, which area? ☐ A ☐ B ☐ C ☐ D ☐ E ☐ F ☐ G
CTE Course	☒ Yes ☐ No
CTE Course Level	☐ Introduction ☒ Concentrator ☐ Capstone
Part of a Course Pathway	☒ Yes ☐ No If yes, which pathway? Systems Programming
Credential Requirements	
Replaces	N/A
Recommended Prerequisites	N/A
Aligned to Standards Date	
Content Delivery Method	☐ Instructor Led ☒ Online Provider Modesto Virtual Academy
Other Information	
Board Approval Date	
Implementation Date	Fall 2020

Course Description:

Required Text(s): (Title, Publisher, Year):

Supplementary Materials(s):

Course Name: Procedural Programming v18

Course Credit: 1

Course Estimated Completion Time: 32

Course Description: Procedural Programming(ProP) teaches advanced programming concepts using the computer language Python. You will learn techniques and processes associated with computer programming and software development. This course continues the study of computer programming concepts with a focus on the creation of software applications employing procedural programming techniques. After successful completion of Foundations of Programming and Procedural Programming, students will have met Occupational Completion Point B, Computer Programmer Assistant, SOC Code 15-1131.Follow the link below forthe complete Department of Education description of this course:http://www.fldoe.org/core/fileparse.php/18567/urlt/9007500-1819.rtf

Prerequisites: Digital Information Technology and Foundations of Programming

Honors Lessons:

Course Profile (Includes Honors, if applicable)

Type of Assessment	Quantity	Location(s)
Teacher-graded		
Auto-graded	14	01.01, 01.03, 02.01, 02.02, 02.04, 03.01, 03.03, 04.01, 04.02, 04.03, 05.01, 05.02, 05.04, 06.01
Partial Auto-graded	4	01.05, 03.06, 05.05, 06.07
Discussion-Based (DBA)	4	02.05, 03.05, 04.05, 06.06
Collaboration	2	Segment 1 & Segment 2
Project-based	13	01.02, 01.04, 02.03, 02.06, 03.02, 03.04, 04.04, 04.06, 05.03, 06.02, 06.03, 06.04, 06.05
Total Assessments	**18**	

Types of Assessments (Includes Honors, if applicable)

Type of Assessment	Available	Type of Assessment	Available
Multiple Choice	Yes	Essay	No
Worksheets	No	Collaborative	Yes
Web 2.0	Yes	Short Response	Yes
Project - Based	Yes	Labs	No
Self - Check	No	DBAs	Yes

Scope and Sequence

Procedural Programming continues the study of computer programming concepts with a focus on the creation of software applications employing procedural programming techniques. This is the third course in the Java
Development and Programming program of study, after Digital Information Technology and Foundations of Programming. Students will write and develop programs using the Python programming language.