**COLLIN COLLEGE**

**COURSE SYLLABUS**

Course Information

**Course Number**: ITSC 1342

**Course Title**: Shell Programming - Scripting

**Course Description**: Reading, writing, and debugging shell scripts. Development of scripts to automate frequently executed sequences of commands. Covers conditional logic, user interaction, loops, and menus to enhance the productivity and effectiveness of the user. Intended for programmers who are familiar with operating environments and reading and writing various shell scripts. Lab required.

**Course Credit Hours**: 3

 Lecture Hours: 2

 Lab Hours: 3

**Prerequisite**: ITCC 1314

**Student Learning Outcomes**:

* **State-mandated Outcomes**: Upon successful completion of this course, students will:
1. Identify local and environmental variables and shell meta-characters.
2. Use regular expressions.
3. Identify the exit status variable for shell scripts.
4. Select appropriate commands to be utilized with script production.
5. Design solutions for system tasks.
6. Use loops, conditional statements, and case constructs in script construction.

**Withdrawal Policy:** See the current *Collin Registration Guide* for last day to withdraw.

**Collin College Academic Policies:** See the current *Collin Student Handbook.*

**Americans with Disabilities Act Statement:** Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student’s responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.

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