

# START COLLEGE

# now!

## dual credit pathway

**High school juniors and seniors,**

take advantage of the Start College Now program to earn college credits before you graduate! We've provided a list of suggested courses to help you get started, but you're not limited to these options.

Feel free to explore and choose the courses that fit your interests and academic goals!

## SUPPLY CHAIN MANAGEMENT - PRODUCTION PLANNER CERTIFICATE

\*All are 8-week courses, except Excel which are 4-week courses

 All classes are available online unless denoted with an on campus only symbol.

### OFFERED FALL & SPRING - 1st 4 Weeks

| COURSE NO. | COURSE TITLE              | CR. | ACHIEVED                 |
|------------|---------------------------|-----|--------------------------|
| 10-103-106 | Beginning Microsoft Excel | 1   | <input type="checkbox"/> |

### OFFERED FALL & SPRING - 2nd 4 Weeks

| COURSE NO. | COURSE TITLE                 | CR. | ACHIEVED                 |
|------------|------------------------------|-----|--------------------------|
| 10-103-118 | Intermediate Microsoft Excel | 1   | <input type="checkbox"/> |

### FALL SEMESTER - 1st 8 Weeks

| COURSE NO. | COURSE TITLE  | CR. | ACHIEVED                 |
|------------|---------------|-----|--------------------------|
| 10-623-110 | Lean Concepts | 3   | <input type="checkbox"/> |

### FALL SEMESTER - 2nd 8 Weeks

| COURSE NO. | COURSE TITLE         | CR. | ACHIEVED                 |
|------------|----------------------|-----|--------------------------|
| 10-182-104 | Inventory Management | 3   | <input type="checkbox"/> |

### SPRING SEMESTER - 2nd 8 Weeks

| COURSE NO. | COURSE TITLE                   | CR. | ACHIEVED                 |
|------------|--------------------------------|-----|--------------------------|
| 10-182-137 | Technology in the Supply Chain | 3   | <input type="checkbox"/> |



Applications are due to your high school by **March 1** for fall semester classes and **October 1** for spring semester classes.

After applications are approved, Southwest Tech works with students regarding registration and enrollment.

**For more information contact:**



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# SUPPLY CHAIN MANAGEMENT - COURSE DESCRIPTIONS

## FALL SEMESTER

### **10-623-110 Lean Concepts**

Learners will develop techniques to identify and eliminate non-value-added activities in a process using 5S, TPM, Standard Work, and Mistake Proofing. Learners will explore the characteristics of an organizational culture necessary to support and sustain a lean enterprise.

### **10-182-104 Inventory Management**

Learners will develop an effective plan to minimize the cost of inventory while still meeting customer demand. Learners will create a foundation for managing materials and labor in an organization to include creating bills of materials and routings and understanding inventory records and transactions. Learners will examine the benefits and challenges of forecasting and its use in accurate scheduling of customer demand. Learners will develop an effective plan to manage the flow of materials and labor through the production process.

## SPRING SEMESTER

### **10-182-137 Technology in the Supply Chain**

Learners will investigate technology advances that have improved the efficiency of supply chain management and review the processes that make up a business enterprise and examine the advantages and disadvantages of implementing Enterprise Resource Planning (ERP) software. Learners will develop process modeling strategies to improve existing supply chains.

## OFFERED FALL & SPRING SEMESTERS

### **10-103-106 Beginning Microsoft Excel**

This course is an introduction to Microsoft Excel. Students will learn the basic features to produce basic worksheets and charts. Other topic areas covered include formatting, formulas, built-in functions used to design functional worksheets to solve business problems. Basic experience with Windows is assumed.

### **10-103-118 Intermediate Microsoft Excel**

This course introduces intermediate level features of Microsoft Excel. Students will learn to use relative & absolute reference formulas and functions, manage workbooks using multiple worksheets, create custom templates and use pivot tables effectively.



**[swtc.edu/dualcredit](http://swtc.edu/dualcredit)**

