

2+2 with SIUC

The technical resource management degree program focuses on managerial and supervisory skills for the technical and service professions. Graduates put these skills to work in their technical field as team leaders, supervisors, coordinators, or directors. A sample curriculum follows. For specific degree requirements consult the current SIUC Undergraduate Catalog, which can be viewed on-line along with transferable course equivalencies and other information at <http://www.siu.edu/siuc/>.

| Third Year | | Fall | Spring |
|--|--|-------------|---------------|
| TRM 316 | Application of Technical Information | 3 | - |
| TRM 364 | Work Center Management | 3 | - |
| TRM 383 | Data Interpretation | - | 3 |
| Select Mathematics and Science or other core as needed | | 3 | 3 |
| Select Humanities or other core as needed | | - | 3 |
| TRM 361/362 | Fiscal Aspects of Technical Management or Legal Aspects of Technical Management | 3 | - |
| TRM 362/426 | Legal Aspects of Technical Management or Technology and International Trade | - | 3 |
| Select Approved Electives | | <u>3</u> | <u>3</u> |
| | | 15 | 15 |

| Fourth Year | | Fall | Spring |
|---|---|-------------|---------------|
| TRM 464 | Managing for Quality | 3 | - |
| TRM 332/421 | Labor Management Problems Or Professional Development | - | 3 |
| Select Fine Arts and Social Science or other core as needed | | 3 | 3 |
| Select University core curriculum as needed or electives | | 3 | 3 |
| TRM 483/488/490 | approved electives Design of Process Control Systems Technical Innovation, Technical and Professional Theory and/or approved electives | 3 | 3 |
| Select Approved Electives | | <u>3</u> | <u>3</u> |
| | | 15 | 15 |

For more information, call one of the following toll-free numbers:

| | |
|-----------------------------|--------------------|
| Carbondale..... | (618) 549-7335 |
| Carterville..... | 985-3741 |
| Crab Orchard..... | 1-800-851-4720 |
| DeSoto..... | 549-7335 |
| Du Quoin | 542-8612, 542-9210 |
| Elkville..... | 542-8612 |
| Gorham..... | 1-800-851-4720 |
| Herrin..... | 985-3741 |
| Johnston City..... | 985-3741 |
| Marion | 985-3741 |
| Murphysboro | 549-7335 |
| Trico Area..... | 1-800-851-4720 |
| West Frankfort | 937-3438, 932-6639 |
| TTY (Hearing Impaired)..... | (618) 985-2752 |

Auto Collision Program



John A. Logan College website
<http://www.jalc.edu>



John A. Logan College
Carterville, Illinois 62918

John A. Logan College does not discriminate on the basis of race, religion, color, national origin, disability, age, or gender orientation.



John A. Logan College
Carterville, Illinois

Career Opportunities

Careers: Repair technicians, insurance assessors, detailers, and customer service managers.

Prospects: The job market for auto collision repair personnel is strong locally and statewide, indicated by an annual growth rate of 25 percent. Most employers of program graduates are small businesses. These businesses work closely with insurance companies and deal directly with the public.

Salary: There are job opportunities at many levels in the auto collision repair industry with annual salary packages ranging between \$18,000-\$45,000.

Associate in Applied Science Auto Collision Technology

Two -Year Degree

| First Year - Fall Semester | | | Credits |
|----------------------------|-----|----------------------------|---------|
| ACT | 190 | Auto Body Repair I | 2 |
| ACT | 191 | Metal Finishing & Painting | 2 |
| ACT | 196 | Auto Body Lab | 5 |
| MAT | 106 | Technical Mathematics* | 4 |
| WEL | 150 | Oxy-Acetylene Welding | 1 |
| WEL | 160 | M.I.G. Welding | 2 |
| WEL | 196 | M.I.G. Welding | 1 |
| | | | 17 |

| Spring Semester | | | Credits |
|-----------------|-----|--|---------|
| ACT | 192 | Frame and Body Alignment | 2 |
| ACT | 193 | Advanced Auto Body Repair | 1 |
| ACT | 194 | Body Shop Management | 1 |
| ACT | 197 | Auto Body Repair and Paint Lab II | 5 |
| ACT | 273 | Chassis Electrical | 3 |
| ENG | 101 | English Composition I ¹ OR ENG 113 Professional Technical Writing** | 3 15 |

| Summer Semester | | | Credits |
|-----------------|-----|------------------------------|---------|
| ACT | 293 | Structural Damage Repair | 1 |
| ACT | 296 | Structural Damage Repair Lab | 4 |
| | | | 5 |

| Second Year - Fall Semester | | | Credits |
|-----------------------------|-----|---------------------------|---------|
| ACT | 294 | Plastics and Adhesives | 2 |
| AST | 280 | Air Conditioning | 4 |
| AST | 281 | Suspension and Steering | 4 |
| CIS | 101 | Introduction to Computers | 3 |
| SPE | 115 | Speech | 3 |
| | | | 16 |

| Spring Semester | | | Credits |
|-----------------|-----|--|---------|
| ACT | 291 | Mechanical Systems for Collision Technology | 2 |
| AST | 279 | ASE Testing | 2 |
| PHS | 101 | Environmental Technology | 3 |
| PSC | 131 | American Government OR HIS 201 U.S. History I OR HIS 202 U.S. History II | 3 |
| PSY | 132 | General Psychology | 3 |
| | | | 13 |

TOTAL REQUIRED HOURS 66

| Optional | | | Credits |
|--|-----|---------------------------------|---------|
| ATI | 200 | Applied Technologies Internship | 1-3 |
| *Higher level math may be required for students who plan to attend a 4-year institution. | | | |
| ¹ Requires a grade of "C" or higher. | | | |
| **ENG 101 may be required for students who plan to attend a 4-year institution. | | | |

Auto Collision Technology

Curriculum - Certificate

| Fall Semester | | | Credits |
|---------------|-----|--------------------------------|---------|
| ACT | 190 | Auto Body Repair I | 2 |
| ACT | 191 | Metal Finishing & Painting | 2 |
| ACT | 196 | Auto Body Lab | 5 |
| ACT | 294 | Plastic and Adhesives | 2 |
| WEL | 160 | M.I.G. Welding | 2 |
| WEL | 150 | Oxy-Acetylene Fusion Welding I | 1 |
| WEL | 196 | M.I.G. Welding - Aluminum | 1 |
| | | | 15 |

| Spring Semester | | | Credits |
|-----------------|-----|--|---------|
| ACT | 192 | Frame and Body Alignment | 2 |
| ACT | 193 | Advanced Auto Body Repair | 1 |
| ACT | 194 | Body Shop Management | 1 |
| ACT | 197 | Auto Body Repair and Paint Lab II | 5 |
| WEL | 273 | Chassis Electrical | 3 |
| WEL | 291 | Mechanical Systems for Collision Technology | 2 |
| | | | 14 |

| Summer Semester | | | Credits |
|-----------------|-----|------------------------------|---------|
| ACT | 293 | Structural Damage Repair | 1 |
| ACT | 296 | Structural Damage Repair Lab | 4 |
| | | | 5 |

| Fall Semester | | | Credits |
|---------------|-----|-------------------------|---------|
| AST | 173 | Braking Systems | 4 |
| AST | 280 | Air Conditioning | 4 |
| AST | 281 | Suspension and Steering | 4 |
| SPE | 115 | Speech | 3 |
| | | | 15 |

TOTAL REQUIRED HOURS 49

| Optional | | | Credits |
|----------|-----|-------------------------------|---------|
| ATI | 200 | Applied Technology Internship | 1-3 |

Auto Collision Structural Damage Repair

Curriculum - Certificate

| Fall Semester | | | Credits |
|---------------|-----|--------------------------------|---------|
| ACT | 190 | Auto Body Repair I | 2 |
| ACT | 191 | Metal Finishing & Painting | 2 |
| ACT | 196 | Auto Body Lab | 5 |
| ACT | 294 | Plastic and Adhesives | 2 |
| WEL | 150 | Oxy-Acetylene Fusion Welding I | 1 |
| WEL | 160 | M.I.G. Welding | 2 |
| WEL | 196 | M.I.G. Welding - Aluminum | 1 |
| | | | 15 |

| Spring Semester | | | Credits |
|-----------------|-----|--|---------|
| ACT | 192 | Frame and Body Alignment | 2 |
| ACT | 193 | Advanced Auto Body Repair | 1 |
| ACT | 194 | Body Shop Management | 1 |
| ACT | 197 | Auto Body Repair and Paint Lab II | 5 |
| WEL | 273 | Chassis Electrical | 3 |
| WEL | 291 | Mechanical Systems for Collision Technology | 2 |
| | | | 14 |

| Summer Semester | | | Credits |
|-----------------|-----|-------------------------------|---------|
| AST | 293 | Unibody Construction & Repair | 1 |
| AST | 296 | Structural Damage Repair Lab | 4 |
| | | | 5 |

| Fall Semester | | | Credits |
|---------------|-----|-------------------------|---------|
| AST | 173 | Braking Systems | 4 |
| AST | 280 | Air Conditioning | 4 |
| AST | 281 | Suspension and Steering | 4 |
| SPE | 115 | Speech | 3 |
| | | | 15 |

TOTAL REQUIRED HOURS 49

| Optional | | | Credits |
|----------|-----|-------------------------------|---------|
| ATI | 200 | Applied Technology Internship | 1-3 |