Nondestructive Testing
2013-14 Associate of Applied Science

Career Description
Because Nondestructive Testing (NDT) does not require the disabling or sacrifice of the system of interest, it is a highly valuable technique that saves both money and time in product evaluation, troubleshooting, and research. Therefore (NDT) technicians are increasingly in demand.

Program Features
The Nondestructive Testing program (NDT) is a cooperative effort between WATC and the National Institute for Aviation Research (NIAR). This program produces technicians who understand NDT’s role in the aerospace industry and who have mastered the American Society for Nondestructive Testing’s coursework for Level I and II certification in three NDT methods, including liquid penetrant, radiography and magnetic particle inspection. Students also learn the basics of materials and processes associated with NDT technology.

Admission Requirements
In addition to the college admissions policy, students must:
● Be 18 years of age or older.
● Show documentation of high school graduation or satisfaction of high school equivalency prior to graduating from the program.
● Meet entrance exam requirements.

Costs *
Tuition $7,693.00
Fees $1,824.00
Lab Fees $1,290.00
Total $10,807.00
*Cost does not include online fees, books or tools

Start Dates
August 2013
January 2014
June 2014

Associcate of Applied Science 64 Credits

Required Technical Courses
AVC 102 Precision Instruments 1
AVC 110 Safety/OSHA 10 1
CFT 101 Introduction to Composites 2
EBS 116 Math Fundamentals 3
EMP 100 Global Professional Standards 2
NDT 100 Penetrant Inspection 2
NDT 101 Magnetic Particle Testing Method for NDT 3
NDT 102 Radiographic Testing Method I 3
NDT 103 Radiographic Testing Method II 3
NDT 104 Materials & Processes for NDT Technology 3
NDT 110 Eddy Current Level I 3
NDT 111 Eddy Current Level II 3
NDT 112 Ultrasonic Testing Method Level I 3
NDT 113 Ultrasonic Testing Method Level II 3
NDT 114 Visual Inspection 3
NDT 116 Bond Testing for NDT 3
NDT 117 Assembly Overview for NDT 3

Required General Education Courses
CED 115 Computer Applications 3
ENG 101 Composition I 3
MTH 112 College Algebra 3
PHS 110 Physical Science 5
SOC 101 Principles of Sociology 3
OR
PSY 101 General Psychology

SPH 111 Interpersonal Communications 3
OR
SPH 101 Public Speaking

Total 64

Accreditations/Affiliations
WATC is accredited by the Higher Learning Commission.
Success Rate
This chart contains the results of the one-year follow-up study conducted in 2011 of 2010-11 Wichita Area Technical College postsecondary program completers. WATC defines success as those graduates who have found placement in a job, the military or are enrolled in advanced study.

Graduates * Placement for all employed in the military or continuing their education

<table>
<thead>
<tr>
<th>Nondestructive Testing</th>
<th>16*</th>
<th>93.8%</th>
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* Graduates Eligible and Contacted in follow-up study

Wages
BLS Data Source: Bureau of Labor Statistics (2010); State of Kansas Mean wages.

WATC does not guarantee the below wages, but has matched training programs to job titles and mean wages in Kansas.

<table>
<thead>
<tr>
<th>Nondestructive Testing</th>
<th>Annually</th>
<th>Hourly</th>
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<tbody>
<tr>
<td>$48,422</td>
<td>$23.28</td>
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