

## Computer Aided Design Technology Courses and Booklist

1ST TRIMESTER		CERTIFICATE: ASSISTANT DRAFTER	Prerequisite: None
COURSE NUMBER	BOOKS AND SUPPLIES	COST	
CAD1030 Drawing Techniques	Drafting Kit	\$108.00	
	Headphones or Earbuds	\$5.00	
	Bundle: Engineering Drawing and Design, Loose-leaf Version, 6th + MindTap Drafting, 4 terms (24 months) Printed Access Card; ISBN: 9780357010044; Cengage	\$125.00	
	Lead Holder	\$11.00	
	Flash Drive	\$6.00	
CAD1040 CAD	SolidProfessor 2 Year Subscription	\$100.00	
	2" Binder NOT IN BOOKSTORE		
	Optional Exam - Autodesk Certified User (ACU): AutoDesk AutoCAD	\$150.00	
	Optional Exam - Autodesk Certified User (ACU): AutoDesk Inventor	\$150.00	
Trimester 1: 432 Contact Hours	Trimester 1 Books and Supplies Total (With Optional Exams)		\$655.00
	Trimester 1 Books and Supplies Total (Without Optional Exams)		\$247.00

2nd TRIMESTER		Certificate: Detail Drafter	Prerequisite: Assistant Drafter Certificate
BOOKS AND SUPPLIES			COST
No New Books or supplies for Detail Drafter Certificate (2nd Trimester)			\$0.00
Trimester 2: 432 Hours (864 Total Contact Hours)	Trimester 2 Tests, Books and Supplies Total		\$0.00

3rd & 4th Trimester Elective		Specialization: Drafting & CAD Technician	Prerequisite: Detail Drafter Certificate
BOOKS AND SUPPLIES			COST
No new books or supplies for: CAD0003 Worker Characteristics, CAD3011 Drafting Applications I, & CAD3020 Working Drawings			\$0.00
Trimester 3: 432 Hours Total Contact Hours)	(1296	Trimester 3 Tests, Books and Supplies Total	\$0.00
COURSE NUMBER		BOOKS AND SUPPLIES	COST
No new books or supplies for: CAD0004 Worker Characteristics, CAD4015 Drafting Applications II, & CAD4050 Prof. Development			\$0.00
Trimester 4: 432 Hours Total Contact Hours)	(1728	Trimester 4 Tests, Books and Supplies Total	\$0.00

3rd & 4th Trimester Elective		Specialization: Mechanical Drafter	Prerequisite: Detail Drafter Certificate
COURSE NUMBER	BOOKS AND SUPPLIES	COST	
No new books or supplies for: CAD0003 Worker Characteristics, CAD3050 Mechanical Design I		\$0.00	
Optional Exam Certified SOLIDWORKS Associate - Academic		\$0.00	
Trimester 3: 432 Hours (1296 Total Contact Hours)	Trimester 3 Tests, Books and Supplies Total (With Optional Exam)		\$0.00
COURSE NUMBER	BOOKS AND SUPPLIES	COST	
No new books or supplies for: CAD0004 Worker Characteristics, CAD4080 Mechanical Design II, and CAD4050 Prof. Development		\$0.00	
Trimester 4: 432 Hours (1728 Total Contact Hours)	Trimester 4 Tests, Books and Supplies Total		\$0.00

## Computer Aided Design Technology Courses and Booklist

3rd & 4th Trimester Elective		Specialization: Architectural Drafter	Prerequisite: Detail Drafter Certificate
COURSE NUMBER	BOOKS AND SUPPLIES	COST	
CAD3030 Residential Architecture I	Architecture Residential Drafting & Design 13th Edition; GW; 978-164925973-8	\$155.00	
	Building Construction: Principles, Materials, & Systems; Pearson; 9780134454177	\$186.00	
Optional Exam - Autodesk Certified User (ACU): AutoDesk Revit		\$150.00	
<b>Trimester 3: 432 Hours</b> <b>Total Contact Hours)</b>	<b>Trimester 3 Tests, Books and Supplies Total (With Optional Exam)</b>		<b>\$491.00</b>
	<b>Trimester 3 Tests, Books and Supplies Total (Without Optional Exam)</b>		<b>\$341.00</b>
COURSE NUMBER	BOOKS AND SUPPLIES	COST	
CAD4060 Residential Architecture II	2 Story Townhouse Kit #105 - MID552; AC Supply	\$150.00	
<b>Trimester 4: 432 Hours</b> <b>Total Contact Hours)</b>	<b>Trimester 4 Tests, Books and Supplies Total</b>		<b>\$150.00</b>

3rd & 4th Trimester Elective		Specialization: Civil Drafter	Prerequisite: Detail Drafter Certificate
COURSE NUMBER	BOOKS AND SUPPLIES	COST	
CAD0003 Worker Characteristics	None	\$0.00	
CAD3040 Civil Design I	Civil Drafting Technology 8th Ed.; Pearson; ISBN: 978-0134436043	\$192.00	
	Introduction to AutoCAD 2026 for Civil Engineering Applications; SDC; ISBN: 978-1-63057-751-3	\$58.80	
<b>Trimester 3: 432 Hours</b> <b>Total Contact Hours)</b>	<b>Trimester 3 Tests, Books and Supplies Total</b>		<b>\$250.80</b>
COURSE NUMBER	BOOKS AND SUPPLIES	COST	
CAD4070 Civil Design II	Autodesk Civil 3D 2026 Fundamentals; SDC; ISBN: 978-1-63057-733-9	\$58.80	
<b>Trimester 4: 432 Hours</b> <b>Total Contact Hours)</b>	<b>Trimester 4 Tests, Books and Supplies Total</b>		<b>\$58.80</b>

3rd & 4th Trimester Elective		Specialization: Structural Drafter	Prerequisite: Detail Drafter Certificate
COURSE NUMBER	BOOKS AND SUPPLIES	COST	
CAD0003 Worker Characteristics	None	\$0.00	
CAD3060 Structural Design I	Autodesk Revit 2026 Structure Fundamentals; SDC, ISBN: 978-1-63057-744-5	\$56.00	
CAD3060 Structural Design I	Commercial Drafting & Detailing 4th Ed.; Cengage; ISBN: 9781285097398	\$259.95	
<b>Trimester 3: 432 Hours</b> <b>Total Contact Hours)</b>	Structural Steel Drafting and Design 2nd Ed.; Cengage; ISBN: 978-1401890322	\$204.00	
	<b>Trimester 3 Tests, Books and Supplies Total</b>		<b>\$519.95</b>
COURSE NUMBER	BOOKS AND SUPPLIES	COST	
No new books or supplies for: CAD0004 Worker Characteristics, CAD4090 Structural Design II, and CAD4050 Prof. Development		\$0.00	
<b>Trimester 4: 432 Hours</b> <b>Total Contact Hours)</b>	<b>Trimester 4 Tests, Books and Supplies Total</b>		<b>\$0.00</b>

## Cost Sheet for Specializations

	Books, Supplies, and Tests	Tuition & Fees	Trimester Cost	Certificate & Diploma Total Cost
Trimester 1 Assistant Drafter Certificate Total Cost	<b>\$655.00</b>	\$1,487.00	\$2,142.00	\$2,142.00
Trimester 2 Detail Drafter Certificate Total Cost	<b>\$0.00</b>	\$1,487.00	\$1,487.00	\$3,629.00
<i>Specialization Option 1</i>				
Trimester 3 Mechanical Drafter Diploma Total Cost	<b>\$0.00</b>	\$1,487.00	\$1,487.00	\$5,116.00
Trimester 4 Mechanical Drafter Diploma Total Cost	<b>\$0.00</b>	\$1,487.00	\$1,487.00	\$6,603.00
<i>Specialization Option 2</i>				
Trimester 3 Architectural Drafter Diploma Total Cost	<b>\$491.00</b>	\$1,487.00	\$1,978.00	\$5,607.00
Trimester 4 Architectural Drafter Diploma Total Cost	<b>\$150.00</b>	\$1,487.00	\$1,637.00	\$7,244.00
<i>Specialization Option 3</i>				
Trimester 3 Drafting & CAD Technician Diploma Total Cost	<b>\$0.00</b>	\$1,487.00	\$1,487.00	\$5,116.00
Trimester 4 Drafting & CAD Technician Diploma Total Cost	<b>\$0.00</b>	\$1,487.00	\$1,487.00	\$6,603.00
<i>Specialization Option 4</i>				
Trimester 3 Civil Drafter Diploma Total Cost	<b>\$250.80</b>	\$1,487.00	\$1,737.80	\$5,366.80
Trimester 4 Civil Drafter Diploma Total Cost	<b>\$0.00</b>	\$1,487.00	\$1,487.00	\$6,853.80
<i>Specialization Option 5</i>				
Trimester 3 Structural Drafter Diploma Total Cost	<b>\$519.95</b>	\$1,487.00	\$2,006.95	\$5,635.95
Trimester 4 Structural Drafter Diploma Total Cost	<b>\$0.00</b>	\$1,487.00	\$1,487.00	\$7,122.95

\*Note: If a student declines the optional certification tests, they will subtract the following amounts:

1st Trimester: \$300

3rd Trimester (Architectural) \$150