.



# Faculty of Continuing, Professional,

**Online and Distance Learning: TUS Midlands**

**Schedule of Fees 2024- 2025**

**TECHNOLOGICAL UNIVERSITY OF THE SHANNON: MIDLANDS MIDWEST**

**Document Control Record**

|  |
| --- |
| **SCHEDULE OF FEES - TUS** |
| **Document Title:** | Faculty of Continuing, Professional, Online and Distance Learning: TUS MidlandsAcademic Year 2024-2025 |
| **Document Status:** | **Revision No:**1.0 |
| **Date of Next Revision:** |  |
| **Revision History** |
| **Revision No** | **Date (AC)** | **Comments/Summary of Changes** |
| 1 | 16th April | Amendments to fees and additional programmes |
|  |  |  |
|  |  |  |

**INDEX:**

**SECTION 1 PART-TIME PROGRAMMES**

**1.1 FACULTY OF CPODL - POSTGRADUATE PART-TIME PROGRAMMES-MIDLANDS**

**1.2 FACULTY OF CPODL – PART-TIME PROGRAMMES-MIDLANDS**

**1.3 FACULTY OF CPODL – PART-TIME MICRO-CREDENTIALS PROGRAMMES - MIDLANDS**

**1.4 MIDLANDS CAMPUS - SPRINGBOARD/HCI FUNDED PROGRAMMES – ALL CAMPUSES**

**1.5 SPRINGBOARD/HCI FUNDED PROGRAMMES REGISTRATION REQUIREMENTS**

**SECTION 2 REFUND SCHEDULE**

**2.1 PART-TIME PROGRAMME FEE AND REFUND SCHEUDLE FOR 2024/2025 ACADEMIC YEAR – MIDLANDS**

**2.2 PART-TIME PROGRAMMES - up to 15 weeks in duration (one semester)**

**2024/2025 ACADEMIC YEAR - MIDLANDS**

**2.3 PART-TIME PROGRAMMES - over 15 weeks in duration 2024/2025 ACADEMIC YEAR - MIDLANDS**

**SECTION 3 PAYMENT DEADLINES**

**3.1 PART-TIME PROGRAMME FEE PAYMENT DEADLINES FOR 2024/2025 ACADEMIC YEAR - MIDLANDS**

**3.2**  **PENALTY IMPLEMENTATION TIMELINES FOR 2024/2025 ACADEMIC YEAR – MIDLANDS**

**SECTION 4**

**4.1** **STRUCTURED PAYMENT SCHEMA FOR PART-TIME PROGRAMMES**

**SECTION 5**

**5.1** **ADDITIONAL FEE CHARGES – TUS – MIDLANDS**

**5.2 FACUTLY OF CPODL - REPEAT AND ATTEND FEE CHARGES FOR PART-TIME PROGRAMMES - MIDLANDS**

**SECTION 1 POSTGRADUATE PART-TIME PROGRAMMES FOR 2024/2025 ACADEMIC YEAR-MIDLANDS**

|  |
| --- |
| **1.1 LIFELONG LEARNING-POSTGRADUATE PART-TIME PROGRAMMES-MIDLANDS** |
| **Faculty of Continuing, Professional, Online and Distance Learning- Part Time** |
|  | **NFQ****Level** | **Mode** | **ECTS** | **Fee****€** | **Comment** |
| **Postgraduate Diploma in Financial Management** | **9** | **F/T** | **60** | **5000** | **One Year** |
| **Postgraduate Diploma in Packaging, Innovation and Product Design** | **9** | **F/T** | **60** | **5000** | **One Year** |
| **Postgraduate Diploma in Quality Management and Validation** | **9** | **F/T** | **60** | **5000** | **One Year** |
| **Postgraduate Diploma in Executive Management** | **9** | **P/T** | **60** | **5000** | **One Year** |
| **Postgraduate Diploma in Education Management and Organizational Culture** | **9** | **P/T** | **60** | **5000** | **One Year** |
| **Postgraduate Diploma in Education Technology** | **9** | **P/T** | **60** | **5000** | **One Year** |
| **Postgraduate Diploma in Talent Management** | **9** | **P/T** | **60** | **5000** | **One Year** |
| **Masters of Business Administration Year 2** | **9** | **P/T** | **60** | **8750** | **One Year** |
| **MA in Financial Management**  | **9** | **P/T** | **30** | **2500** | **One Year** |
| **MEng in Packaging, Innovation and Product Design** | **9** | **P/T** | **30** | **2500** | **One Year** |
| **MSc in Quality Management and Validation** | **9** | **P/T** | **30** | **2500** | **One Year** |
| **MA in Education Technology** | **9** | **P/T** | **30** | **2500** | **One Year** |
| **MA in Talent Management** | **9** | **P/T** | **30** | **2500** | **One Year** |

**SECTION 1.2 UNDERGRADUATE PART-TIME PROGRAMMES FOR 2024/2025 ACADEMIC YEAR-MIDLANDS**

|  |
| --- |
| **1.2 LIFELONG LEARNING -UNDERGRADUATE PART-TIME PROGRAMMES-MIDLANDS 2024/2025** |
| **Faculty of Continuing, Professional, Online and Distance Learning- Part Time** |
|  | **NFQ****Level** | **Mode** | **ECTS** | **Fee****€** | **Comment** |
| **Certificate in Supervisory Management and Team Leadership** | **6** | **P/T** | **60** | **2500** | **One year** |
| **Certificate in Financial Accounting and Payroll** | **6** | **P/T****P/T** | **60** | **2500** | **One year** |
| **Certificate in Logistics and Supply Chain Management** | **6** | **P/T** | **60** | **2500** | **One year** |
| **Certificate in Procurement** | **6** | **P/T** | **60** | **2500** | **One year** |
| **Certificate in Real Estate Administration** | **6** | **P/T** | **60** | **1500** | **One year** |
| **Certificate in Human Resources Management** | **6** | **P/T** | **60** | **2500** | **One year** |
| **Certificate in Operations, Quality and Lean Management** | **6** | **P/T** | **60** | **2500** | **One year** |
| **Certificate in Entrepreneurship** | **6** | **P/T** | **60** | **2500** | **One year** |
| **Certificate in Psychology** | **6** | **P/T** | **20** | **1200** | **One year** |
| **Certificate in Customer Service Excellence** | **6** | **P/T** | **20** |  **1200** | **One or Two Semester(s) TBD** |
| **Certificate in Operational Excellence** | **6** | **P/T** | **20** | **1200** | **One or Two Semester(s) TBD** |
| **Certificate in Supervisory Management Skills for Team Leaders** | **6** | **P/T** | **20** | **1200** | **One or Two Semester(s) TBD** |
| **Certificate in Contract Law, Customs and the Regulatory Environment** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Certificate in Social Media & E-Business** | **6** | **P/T** | **20** | **1200** | **One or Two Semester(s) TBD** |
| **Certificate in Fundamentals of Organisational Psychology** | **6** | **P/T** | **20** | **1200** | **One or Two Semester(s) TBD** |
| **Certificate in Payroll Applications and Management** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Certificate in Professional, Personal, Work Place Development and Well-being** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Certificate in Introduction to Project Management** | **7** | **P/T** | **10** | **700** | **One Semester** |
| **Certificate in Education Technology** | **7** | **P/T** | **10** | **700** | **One Semester** |
| **Higher Certificate in Business Year 1** | **6** | **P/T** | **60** | **2500** | **One year** |
| **Higher Certificate in Business Year 2** | **6** | **P/T** | **60** | **2500** | **One year** |
| **Bachelor of Business Year 3 (add-on)** | **7** | **P/T** | **60** | **2500** | **One year** |
|  **Bachelor of Business (Honours) Year 4 (add-on)** | **8** | **P/T** | **60** | **2500** | **One year** |
| **Bachelor of Business (Honours) - Year 1** | **8** | **P/T** | **60** | **2500** | **One Year** |
| **Higher Certificate in Operations, Quality and Lean Management – Year 2** | **6** | **P/T** | **60** | **2500** | **One year** |
| **BSc in Quality and Lean Management** | **7** | **P/T** | **60** | **2500** | **One year** |
|  **BSc (Honours) in Quality and Lean Management** | **8** | **P/T** | **60** | **2500** | **One year** |
| **Higher Certificate in Talent Management Year 2** | **6** | **P/T** | **60** | **2500** | **One Year** |
| **Bachelor of Business in Talent Management Year 3 (add-on)** | **7** | **P/T** | **60** | **2500** | **One Year** |
| **Bachelor of Business (Honours) in Talent Management Year 4 (add-on)** | **8** | **P/T** | **60** | **2500** | **One Year** |
| **Higher Certificate in Procurement, Logistics and Supply Chain Management Year 2** | **6** | **P/T** | **60** | **2500** | **One Year** |
| **Bachelor of Business in Procurement, Logistics and Supply Chain Management Year 3 (add-on)** | **7** | **P/T** | **60** | **2500** | **One Year** |
| **Bachelor of Business (Honours) in Procurement, Logistics and Supply Chain Management Year 4 (add-on)** | **8** | **P/T** | **60** | **2500** | **One Year** |
| **Higher Diploma in Business Operations Management** | **8** | **P/T** | **60** | **2500** | **One Year** |

**SECTION 1.3 FACULTY OF CPODL – PART-TIME MICRO-CREDENTIALS PROGRAMMES - MIDLANDS**

|  |
| --- |
| **1.4 LIFELONG LEARNING – MICRO-CREDENTIAL PART TIME PROGRAMMES - MIDLANDS**  |
| **Faculty of Continuing, Professional, Online and Distance Learning – Part Time**  |
|   | **NFQ**  | **Mode**  | **ECTS**  | **Fee €**  | **Comment**  |
| **Micro-Credential in Business Economics** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Financial Performance Management** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Financial Reporting and Corporate Finance** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Global Talent Management** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Innovation, Ideation and Visualisation** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Interpretation of Financial Statements** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Strategic Management** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Product Design and Prototyping** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Operations and Sustainable Supply Chain Management** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Packaging Science and Technology** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Quality Management, Standards and Good Manufacturing Practice** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Statistical Process Control, Calibration and Validation** | **9** | **P/T** | **10** | **950** | **One Semester** |
| **Micro-Credential in Business Ethics and Sustainability** | **8** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Managing People and Organisation Change** | **8** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Corporate Reporting** | **7** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Applied Practice 1 Personal and Professional Context** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Customer Service and Value** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Employee Relations** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Financial and Management Accounting** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Human Resources and Developing People** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Leadership and Management Development** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Management Accounting** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Payroll Applications and Management** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Professional, Personal Workplace Development and Well-Being** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Resourcing Talent** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Purchasing and Procurement in a Commercial Environment** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Operations, Logistics and Supply Chain Management** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Distribution, Warehousing, Design and Storage** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Marketing Management in a Digital Age** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Marketing, Sales, Theory and Practice** | **6** | **P/T** | **10** | **700** | **One Semester** |
| **Micro-Credential in Web Applications and Social Media Marketing** | **6** | **P/T** | **10** | **700** | **One Semester** |

**1.4 SPRINGBOARD+/HCI PROGRAMMES FOR 2024/2025 ACADEMIC YEAR-MIDLANDS**

|  |
| --- |
| **1.4 SPRINGBOARD+/HCI FUNDED PROGRAMMES- Various Faculties - Midlands** |
|  **Programme**  **(All Programmes are one year)** | **NFQ****Level** | **Mode** | **ECTS** | **Student Contribution (Unemployed)** **€** | **Student Contribution (Employed)** **€** |
| **Certificate in Culinary Skills** | **6** | **P/T** | **60** | **0** | **0** |
| **Certificate in Financial Accounting and Payroll** | **6** | **P/T** | **60** | **0** | **0** |
| **Certificate in Human Resources Management** | **6** | **P/T** | **60** | **0** | **0** |
| **Certificate in Logistics and Supply Chain Management** | **6** | **P/T** | **60** | **0** | **0** |
| **Certificate in Operations, Quality and Lean Management** | **6** | **P/T** | **60** | **0** | **0** |
| **Certificate in Supervisory Management and Team Leadership** | **6** | **P/T** | **60** | **0** | **0** |
| **Higher Certificate in Culinary Arts** | **6** | **P/T** | **60** | **0** | **0** |
| **Higher Diploma in Data Analytics** | **8** | **P/T** | **60** | **0** | **500** |
| **Higher Diploma in Leadership** | **8** | **P/T** | **60** | **0** | **450** |
| **Postgraduate Diploma in Advanced Polymer Materials** | **9** | **P/T** | **60** | **0** | **570** |
| **Postgraduate Diploma in Executive Management** | **9** | **P/T** | **60** | **0** | **825** |
| **Postgraduate Diploma in Financial Management** | **9** | **F/T** | **60** | **0** | **850** |
| **Postgraduate Diploma in Packaging, Innovation and Product Design** | **9** | **F/T** | **60** | **0** | **850** |
| **Postgraduate Diploma in Quality Management and Validation** | **9** | **F/T** | **60** | **0** | **850** |
| **Postgraduate Diploma in Biopharmaceutical and MedDevice Systems** | **9** | **F/T** | **60** | **0** | **885** |
| **Postgraduate Diploma in Engineering Management** | **9** | **F/T** | **60** | **0** | **860** |
| **Meng in Energy Infrastructure** | **9** | **P/T** | **90** | **0** | **900** |
| **MSc in Software Design with Cybersecurity** | **9** | **P/T** | **90** | **0** | **690** |
| **MSc in Software Design with Cough Native Computing** | **9** | **P/T** | **90** | **0** | **690** |
| **MSc in Software Design with Artificial Intelligence** | **9** | **P/T** | **90** | **0** | **690** |

**1.5 SPRINGBOARD+/HCI FUNDED PROGRAMMES REGISTRATION REQUIREMENTS**

**All SB+/HCI funded students MUST register on the HEA-AMS and the University Registration Systems (Banner 9).**

 **Springboard+/HCI Funding Registrations**

All participants on Springboard+ and HCI funded programmes are required to complete two funding registrations; one in each semester. These normally take place in Oct/Nov and Feb/Mar.

It is a requirement to complete the funding registrations as soon as requested by the Funding Flexible Learning Office.

**If a student does not complete either funding registration by the required deadline this will result in the student losing their place on the programme and they will be automatically withdrawn from the programme.**

**SECTION 2 FACULTY OF CPODL REFUND SCHEDULE-MIDLANDS**

**2.1 PART-TIME PROGRAMME FEE AND REFUND SCHEUDLE FOR 2024/2025 ACADEMIC YEAR**

TUS Midlands delivers flexible part-time programmes in the following two categories:

1. Fee Paying Programmes – these are paid for directly by the student.
2. Funded Programmes – these are fully funded/part funded by the HEA through Springboard+, HCI or ICT Skills funding on behalf of each eligible student. Employed students are fully funded (100% on Level 6 programmes. Employed students on programmes at levels 7-9 are required to pay a 10% contribution for their place and the HEA pays the balance of 90%.

Unemployed students and Returners are fully funded (100%) by the HEA and do not pay a contribution for their place

It is proposed that the following fee and refund schedule will be implemented for these programmes commencing from September 2024.

**2.2 Part-time Programmes up to 15 weeks in duration (one semester) 2024/2025**

**ACADEMIC YEAR-MIDLANDS**

|  |  |  |
| --- | --- | --- |
| **Programme Start Date** | **Date Payment is Due** | **Refund Available** |
| Week commencing 9th September 2024 | Before course commencement | Full refund available if requested before course commencement.**No refund available thereafter**. |
| Week commencing 13th January 2025 | Before course commencement | Full refund available if requested before course commencement.**No refund available thereafter**. |

**2.3 Part-time Programmes over 15 weeks in duration 2024/2025 ACADEMIC YEAR-MIDLANDS**

|  |  |  |
| --- | --- | --- |
| **Programme Start Date** | **Date Payment is Due** | **Refund Available – Closing Date** |
| Week commencing 9th September 2024 | Before course commencement | Full refund available if requested before course commencement.Refund of fees paid less €250 Admin Fee available up to 3 teaching weeks after commencement. Date to be defined annually – for the academic year 2024/2025 - Friday 27th September 2024 |
| Week commencing 13th January 2025 | Before course commencement | Full refund available if requested before course commencement.Refund of fees paid less €250 Admin Fee available up to 3 teaching weeks after commencement. Date to be defined annually – for the academic year 2024/2025 – Friday 31st January |

**Students wishing to avail of a refund must complete and submit the Part-time Programme Withdrawal Form by the relevant closing date defined above.**

**Section 3 PAYMENT DEADLINES-MIDLANDS**

**3.1 PART-TIME PROGRAMME FEE PAYMENT DEADLINES FOR 2024/2025 ACADEMIC YEAR-MIDLANDS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Student Category** | **Fee Type** | **Payment** | **Deadline for Payment** |
| All Fee-Paying students | All  | 50%**And** 50% | 9th September and/or before course commencement13th January |

|  |  |  |  |
| --- | --- | --- | --- |
| **Student Category** | **Fee Type** | **Payment** | **Deadline for Payment** |
| Employed SB / HCI funded students on Programmes Level 7 – 9 | All  | 100% of student liability | 9th September and/or before course commencement |

**3.2 PENALTY IMPLEMENTATION TIMELINES FOR 2024/2025 ACADEMIC YEAR-MIDLANDS**

|  |  |
| --- | --- |
| **Deadlines** | **Sanction** |
| Non-payment by 9th September and/or 13th January | Removal of IT Access (Moodle and Online Classes and other University access) |
| Continued non-payment | Availability of Exam results restrictedProgression to the subsequent year of study withheldPermission to graduate withheldLegal follow-up to recoup fees |

## Section 4 4.1 STRUCTURED PAYMENT SCHEMA FOR PART-TIME PROGRAMMES

## Programme Fee €700

|  |  |
| --- | --- |
| Payment 100% | €700 payment in full upon online registration (on or before 9th September 2024) |

## Programme Fee €825/€850/€860/€885

|  |  |
| --- | --- |
| Payment 100% | Payment in full upon online registration (on or before 9th September 2024) |

## Programme Fee €1200

|  |  |
| --- | --- |
| Payment 100% | €1200 payment in full upon online registration (on or before 9th September 2024) |
| Payment of 50% | €600 – 9th September |
| Payment of 50% | €600– 13th January |

**Programme Fee €1500**

|  |  |
| --- | --- |
| Payment 100% | €1,500 payment in full upon online registration (on or before 9th September 2024) |
| Payment of 50% | €750 – 9th September |
| Payment of 50% | €750 – 13th January |

## Programme Fee €2500

|  |  |
| --- | --- |
| Payment 100% | €2500 Deposit upon online registration (on or before 9th September 2024 |
| Payment of 50% | €1250– 9th September |
| Payment of 50% | €1250– 13th January |

## Programme Fee €5000

|  |  |
| --- | --- |
| Payment 100% | €5000 Deposit upon online registration (on or before 9th September 2024 |
| Payment of 50% | €2500– 9th September |
| Payment of 50% | €2500– 13th January |

## \*Programme Fee €8750

|  |  |
| --- | --- |
| \***Payment 1** | **€1000 upon application to secure a place on the programme -** (**Note**: this deposit will be deducted from the total programme fee of €8750) |
| Payment of 50% | €3875 – 9th September (after deposit of €1000) |
| Payment of 50% | €3875 – 13th January (after deposit of €1000) |

**Section 5**

**5.1** **Additional Fee Charges – TUS**

|  |  |  |
| --- | --- | --- |
| **Fee/Charge** | **Description** | **€ Amount** |
| **Academic (Transcript)** | One copy of academic record is provided free. Additional formal records are available on request. | 25 |
| **Examinations Review** | Applicable when a student applies to review an exam | 50 per module |
| **Examinations – Exam Only (External Repeat)** | Applicable when a student only wishes to sit an exam (i.e. not attend through the year/semester) | 150 per session sitting (non refundable) |
| **Examinations – Progress and Carry** | The following conditions apply:You can only carry forward up to a maximum of 10 creditsYou cannot apply across award years A module can only be carried into the following yearThe fee to progress and carry is not covered by any grant | 225 - 5 credits400 - 10 credits |
| **Repeat and Attend** | Students who wish to attend class to repeat modules will be charged a proportionate fee. | Section 5.2 below indicates appropriate fees charged |
| **Exit Award** | Students who wish to Exit the parent programme with a Level 6/7 Award | 100 |
| **Graduation Parchment Replacement** | Initial parchment is free. Fee is applicable for a replacement parchment. Application process includes a statutory declaration notarised by a commissioner of oaths | 65 |
| **Replacement – Student Card** | Initial student card is free. A fee is only applicable for replacing a lost card | 10 |

**5.2 Lifelong Learning Repeat and Attend students – Fee Schedule 2024/2025 Academic Year**

**Students who are repeating and attending are required to pay Tuition Fees, based on the number of credits the student is repeating.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Undergraduate Programmes** | **Annual Fee** | **Credits** | **Credits** | **Credits** | **Credits** | **Credits** | **Credits** |
|  |  | **60** | **50** | **40** | **30** | **20** | **10** |
| Special Purpose Award Certificate  | 2500 | 2500 | 2080 | 1670 | 1250 | 830 | 415 |
| Higher Certificate | 2500 | 2500 | 2080 | 1670 | 1250 | 830 | 415 |
| Ordinary Degree  | 2500 | 2500 | 2080 | 1670 | 1250 | 830 | 415 |
| Honours Degree | 2500 | 2500 | 2080 | 1670 | 1250 | 830 | 415 |
|  |  |  |  |  |  |  |  |
| **Postgraduate Programmes** | **Annual Fee** | **Credits** | **Credits** | **Credits** | **Credits** | **Credits** | **Credits** |
|  |  | **60** | **50** | **40** | **30** | **20** | **10** |
| Postgraduate Diploma | 5000 | 5000 | 4160 | 3330 | 2500 | 1660 | 835 |
| Masters  | 2500 | 2500 | 2080 | 1670 | 1250 | 830 | 415 |
| Master of Business Administration | 8750 | 8750 | 7290 | 5830 | 4375 | 2915 | 1455 |

**Students are required to contact the Examinations Office to request a repeat and attend application form (****exams.midlands@tus.ie****)**